

```
===== start debug info =====
libhd version 13.57 (ia32)
using /var/lib/hardware
kernel version is 2.6
----- /proc/cmdline -----
 root=/dev/disk/by-id/scsi-SATA_Maxtor_6B200P0_B42E01EH-part2 vga=0x31a resume=/dev/sdc1 splash=silent
showopts
----- /proc/cmdline end -----
debug = 0xff7fff7
probe = 0x0000138fc4aa17fff9fffe (+memory +pci +isapnp +net +floppy +misc +misc.serial +misc.par +misc.floppy
+serial +cpu +bios +monitor +mouse +scsi +usb -usb.mods +modem +modem.usb +parallel +parallel.lp +parallel.zip
+isa +isa.isdn +isdn +kbd +prom +sbus +int +braille +braille.alva +braille.fhp +braille.ht -ignx11 +sys -bios.vbe
-isapnp.old -isapnp.new -isapnp.mod +braille.baum -manual +fb +pppoe -scan +pcmcia -fork -parallel.imm +s390
-cpuemu -sysfs -s390disks +udev +block +block.cdrom +block.part +edd +edd.mod -bios.ddc -bios.fb -bios.mode
+input +block.mods +bios.vesa -cpuemu.debug -scsi.noserial +wlan -bios.crc -hal -bios.vram -bios.acpi
-bios.ddc.ports=1 -bios.ddc.ports=2 -bios.ddc.ports=3 -bios.ddc.ports=4 -modules.pata -max -lxc)
shm: attached segment 5013527 at 0xb7b68000
>> hal.1: read hal data
 hal: connected to: :1.43
----- hal device list -----
0: udi = '/org/freedesktop/Hal/devices/pci_8086_284b_sound_card_0_oss_pcm_0_0'
oss.type = 'pcm'
linux.device_file = '/dev/audio'
org.freedesktop.Hal.Device.resmgr.method_execpaths = { 'hal-resmgr-grant', 'hal-resmgr-revoke' }
oss.card = 0 (0x0)
info.capabilities = { 'oss' }
oss.device_file = '/dev/audio'
info.udi = '/org/freedesktop/Hal/devices/pci_8086_284b_sound_card_0_oss_pcm_0_0'
linux.subsystem = 'sound'
org.freedesktop.Hal.Device.resmgr.method_signatures = { "", "" }
oss.device = 0 (0x0)
resmgr.device = '/dev/audio'
info.interfaces = { 'org.freedesktop.Hal.Device.resmgr' }
org.freedesktop.Hal.Device.resmgr.method_names = { 'Grant', 'Revoke' }
info.product = 'ALC883 Analog OSS PCM Device'
linux.hotplug_type = 2 (0x2)
linux.sysfs_path = '/sys/devices/pci0000:00/0000:00:1b.0/sound/card0/audio'
oss.physical_device = '/org/freedesktop/Hal/devices/pci_8086_284b_sound_card_0'
oss.card_id = 'HDA Intel'
info.category = 'oss'
oss.originating_device = '/org/freedesktop/Hal/devices/pci_8086_284b_sound_card_0'
oss.device_id = 'ALC883 Analog'
resmgr.class = 'sound'
info.callouts.add = { 'hal-resmgr' }
info.parent = '/org/freedesktop/Hal/devices/pci_8086_284b_sound_card_0'
org.freedesktop.Hal.Device.resmgr.method_argnames = { "", "" }

1: udi = '/org/freedesktop/Hal/devices/pci_8086_284b_sound_card_0_oss_pcm_0'
oss.type = 'pcm'
linux.device_file = '/dev/dsp'
org.freedesktop.Hal.Device.resmgr.method_execpaths = { 'hal-resmgr-grant', 'hal-resmgr-revoke' }
oss.card = 0 (0x0)
info.capabilities = { 'oss' }
oss.device_file = '/dev/dsp'
info.udi = '/org/freedesktop/Hal/devices/pci_8086_284b_sound_card_0_oss_pcm_0'
linux.subsystem = 'sound'
org.freedesktop.Hal.Device.resmgr.method_signatures = { "", "" }
oss.device = 0 (0x0)
resmgr.device = '/dev/dsp'
info.interfaces = { 'org.freedesktop.Hal.Device.resmgr' }
org.freedesktop.Hal.Device.resmgr.method_names = { 'Grant', 'Revoke' }
info.product = 'ALC883 Analog OSS PCM Device'
linux.hotplug_type = 2 (0x2)
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linux.sysfs_path = '/sys/devices/pci0000:00/0000:00:1b.0/sound/card0/dsp'  
oss.physical_device = '/org/freedesktop/Hal/devices/pci_8086_284b_sound_card_0'  
oss.card_id = 'HDA Intel'  
info.category = 'oss'  
oss.originating_device = '/org/freedesktop/Hal/devices/pci_8086_284b_sound_card_0'  
oss.device_id = 'ALC883 Analog'  
resmgr.class = 'sound'  
info.callouts.add = { 'hal-resmgr' }  
info.parent = '/org/freedesktop/Hal/devices/pci_8086_284b_sound_card_0'  
org.freedesktop.Hal.Device.resmgr.method_argnames = { "", "" }
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```
2: udi = '/org/freedesktop/Hal/devices/pci_8086_284b_sound_card_0_oss_pcm_1'  
oss.type = 'pcm'  
linux.device_file = '/dev/adsp'  
org.freedesktop.Hal.Device.resmgr.method_execpaths = { 'hal-resmgr-grant', 'hal-resmgr-revoke' }  
oss.card = 0 (0x0)  
info.capabilities = { 'oss' }  
oss.device_file = '/dev/adsp'  
info.udi = '/org/freedesktop/Hal/devices/pci_8086_284b_sound_card_0_oss_pcm_1'  
linux.subsystem = 'sound'  
org.freedesktop.Hal.Device.resmgr.method_signatures = { "", "" }  
oss.device = 1 (0x1)  
resmgr.device = '/dev/adsp'  
info.interfaces = { 'org.freedesktop.Hal.Device.resmgr' }  
org.freedesktop.Hal.Device.resmgr.method_names = { 'Grant', 'Revoke' }  
info.product = 'ALC883 Analog OSS PCM Device'  
linux.hotplug_type = 2 (0x2)  
linux.sysfs_path = '/sys/devices/pci0000:00/0000:00:1b.0/sound/card0/adsp'  
oss.physical_device = '/org/freedesktop/Hal/devices/pci_8086_284b_sound_card_0'  
oss.card_id = 'HDA Intel'  
info.category = 'oss'  
oss.originating_device = '/org/freedesktop/Hal/devices/pci_8086_284b_sound_card_0'  
oss.device_id = 'ALC883 Analog'  
resmgr.class = 'sound'  
info.callouts.add = { 'hal-resmgr' }  
info.parent = '/org/freedesktop/Hal/devices/pci_8086_284b_sound_card_0'  
org.freedesktop.Hal.Device.resmgr.method_argnames = { "", "" }
```

```
3: udi = '/org/freedesktop/Hal/devices/pci_8086_284b_sound_card_0_oss_mixer_1'  
oss.type = 'mixer'  
linux.device_file = '/dev/mixer'  
org.freedesktop.Hal.Device.resmgr.method_execpaths = { 'hal-resmgr-grant', 'hal-resmgr-revoke' }  
oss.card = 0 (0x0)  
info.capabilities = { 'oss' }  
oss.device_file = '/dev/mixer'  
info.udi = '/org/freedesktop/Hal/devices/pci_8086_284b_sound_card_0_oss_mixer_1'  
linux.subsystem = 'sound'  
org.freedesktop.Hal.Device.resmgr.method_signatures = { "", "" }  
resmgr.device = '/dev/mixer'  
info.interfaces = { 'org.freedesktop.Hal.Device.resmgr' }  
org.freedesktop.Hal.Device.resmgr.method_names = { 'Grant', 'Revoke' }  
info.product = 'ALC883 Analog OSS Control Device'  
linux.hotplug_type = 2 (0x2)  
linux.sysfs_path = '/sys/devices/pci0000:00/0000:00:1b.0/sound/card0/mixer'  
oss.physical_device = '/org/freedesktop/Hal/devices/pci_8086_284b_sound_card_0'  
oss.card_id = 'HDA Intel'  
info.category = 'oss'  
oss.originating_device = '/org/freedesktop/Hal/devices/pci_8086_284b_sound_card_0'  
oss.device_id = 'ALC883 Analog'  
resmgr.class = 'sound'  
info.callouts.add = { 'hal-resmgr' }  
info.parent = '/org/freedesktop/Hal/devices/pci_8086_284b_sound_card_0'  
org.freedesktop.Hal.Device.resmgr.method_argnames = { "", "" }
```

```
4: udi = '/org/freedesktop/Hal/devices/computer_alsa_sequencer'
linux.device_file = '/dev/snd/seq'
org.freedesktop.Hal.Device.resmgr.method_execpaths = { 'hal-resmgr-grant', 'hal-resmgr-revoke' }
alsa.device_file = '/dev/snd/seq'
info.capabilities = { 'alsa' }
alsa.type = 'sequencer'
info.udi = '/org/freedesktop/Hal/devices/computer_alsa_sequencer'
linux.subsystem = 'sound'
org.freedesktop.Hal.Device.resmgr.method_signatures = { "", "" }
resmgr.device = '/dev/snd/seq'
info.interfaces = { 'org.freedesktop.Hal.Device.resmgr' }
org.freedesktop.Hal.Device.resmgr.method_names = { 'Grant', 'Revoke' }
info.product = 'ALSA Sequencer Device'
linux.hotplug_type = 2 (0x2)
linux.sysfs_path = '/sys/devices/virtual/sound/seq'
info.category = 'alsa'
resmgr.class = 'sound'
info.callouts.add = { 'hal-resmgr' }
info.parent = '/org/freedesktop/Hal/devices/computer'
org.freedesktop.Hal.Device.resmgr.method_argnames = { "", "" }
```

```
5: udi = '/org/freedesktop/Hal/devices/pci_8086_284b_sound_card_0_alsa_control__1'
alsa.card_id = 'HDA Intel'
linux.device_file = '/dev/snd/controlC0'
org.freedesktop.Hal.Device.resmgr.method_execpaths = { 'hal-resmgr-grant', 'hal-resmgr-revoke' }
alsa.device_file = '/dev/snd/controlC0'
info.capabilities = { 'alsa' }
alsa.type = 'control'
info.udi = '/org/freedesktop/Hal/devices/pci_8086_284b_sound_card_0_alsa_control__1'
alsa.physical_device = '/org/freedesktop/Hal/devices/pci_8086_284b_sound_card_0'
linux.subsystem = 'sound'
org.freedesktop.Hal.Device.resmgr.method_signatures = { "", "" }
alsa.card = 0 (0x0)
resmgr.device = '/dev/snd/controlC0'
info.interfaces = { 'org.freedesktop.Hal.Device.resmgr' }
org.freedesktop.Hal.Device.resmgr.method_names = { 'Grant', 'Revoke' }
alsa.originating_device = '/org/freedesktop/Hal/devices/pci_8086_284b_sound_card_0'
info.product = 'HDA Intel ALSA Control Device'
linux.hotplug_type = 2 (0x2)
linux.sysfs_path = '/sys/devices/pci0000:00/0000:00:1b.0/sound/card0/controlC0'
info.category = 'alsa'
resmgr.class = 'sound'
info.callouts.add = { 'hal-resmgr' }
info.parent = '/org/freedesktop/Hal/devices/pci_8086_284b_sound_card_0'
org.freedesktop.Hal.Device.resmgr.method_argnames = { "", "" }
```

```
6: udi = '/org/freedesktop/Hal/devices/pci_8086_284b_sound_card_0_alsa_capture_0'
alsa.card_id = 'HDA Intel'
linux.device_file = '/dev/snd/pcmC0D0c'
org.freedesktop.Hal.Device.resmgr.method_execpaths = { 'hal-resmgr-grant', 'hal-resmgr-revoke' }
alsa.device_file = '/dev/snd/pcmC0D0c'
info.capabilities = { 'alsa' }
alsa.type = 'capture'
info.udi = '/org/freedesktop/Hal/devices/pci_8086_284b_sound_card_0_alsa_capture_0'
alsa.physical_device = '/org/freedesktop/Hal/devices/pci_8086_284b_sound_card_0'
alsa.pcm_class = 'generic'
alsa.device_id = 'ALC883 Analog'
linux.subsystem = 'sound'
org.freedesktop.Hal.Device.resmgr.method_signatures = { "", "" }
alsa.card = 0 (0x0)
resmgr.device = '/dev/snd/pcmC0D0c'
info.interfaces = { 'org.freedesktop.Hal.Device.resmgr' }
```

```
org.freedesktop.Hal.Device.resmgr.method_names = { 'Grant', 'Revoke' }
alsa.originating_device = '/org/freedesktop/Hal/devices/pci_8086_284b_sound_card_0'
info.product = 'ALC883 Analog ALSA Capture Device'
linux.hotplug_type = 2 (0x2)
linux.sysfs_path = '/sys/devices/pci0000:00/0000:00:1b.0/sound/card0/pcmC0D0c'
info.category = 'alsa'
alsa.device = 0 (0x0)
resmgr.class = 'sound'
info.callouts.add = { 'hal-resmgr' }
info.parent = '/org/freedesktop/Hal/devices/pci_8086_284b_sound_card_0'
org.freedesktop.Hal.Device.resmgr.method_argnames = { "", "" }
```

```
7: udi = '/org/freedesktop/Hal/devices/pci_8086_284b_sound_card_0_alsa_playback_0'
alsa.card_id = 'HDA Intel'
linux.device_file = '/dev/snd/pcmC0D0p'
org.freedesktop.Hal.Device.resmgr.method_execpaths = { 'hal-resmgr-grant', 'hal-resmgr-revoke' }
alsa.device_file = '/dev/snd/pcmC0D0p'
info.capabilities = { 'alsa' }
alsa.type = 'playback'
info.udi = '/org/freedesktop/Hal/devices/pci_8086_284b_sound_card_0_alsa_playback_0'
alsa.physical_device = '/org/freedesktop/Hal/devices/pci_8086_284b_sound_card_0'
alsa.pcm_class = 'generic'
alsa.device_id = 'ALC883 Analog'
linux.subsystem = 'sound'
org.freedesktop.Hal.Device.resmgr.method_signatures = { "", "" }
alsa.card = 0 (0x0)
resmgr.device = '/dev/snd/pcmC0D0p'
info.interfaces = { 'org.freedesktop.Hal.Device.resmgr' }
org.freedesktop.Hal.Device.resmgr.method_names = { 'Grant', 'Revoke' }
alsa.originating_device = '/org/freedesktop/Hal/devices/pci_8086_284b_sound_card_0'
info.product = 'ALC883 Analog ALSA Playback Device'
linux.hotplug_type = 2 (0x2)
linux.sysfs_path = '/sys/devices/pci0000:00/0000:00:1b.0/sound/card0/pcmC0D0p'
info.category = 'alsa'
alsa.device = 0 (0x0)
resmgr.class = 'sound'
info.callouts.add = { 'hal-resmgr' }
info.parent = '/org/freedesktop/Hal/devices/pci_8086_284b_sound_card_0'
org.freedesktop.Hal.Device.resmgr.method_argnames = { "", "" }
```

```
8: udi = '/org/freedesktop/Hal/devices/pci_8086_284b_sound_card_0_alsa_playback_1'
alsa.card_id = 'HDA Intel'
linux.device_file = '/dev/snd/pcmC0D1p'
org.freedesktop.Hal.Device.resmgr.method_execpaths = { 'hal-resmgr-grant', 'hal-resmgr-revoke' }
alsa.device_file = '/dev/snd/pcmC0D1p'
info.capabilities = { 'alsa' }
alsa.type = 'playback'
info.udi = '/org/freedesktop/Hal/devices/pci_8086_284b_sound_card_0_alsa_playback_1'
alsa.physical_device = '/org/freedesktop/Hal/devices/pci_8086_284b_sound_card_0'
alsa.pcm_class = 'generic'
alsa.device_id = 'ALC883 Digital'
linux.subsystem = 'sound'
org.freedesktop.Hal.Device.resmgr.method_signatures = { "", "" }
alsa.card = 0 (0x0)
resmgr.device = '/dev/snd/pcmC0D1p'
info.interfaces = { 'org.freedesktop.Hal.Device.resmgr' }
org.freedesktop.Hal.Device.resmgr.method_names = { 'Grant', 'Revoke' }
alsa.originating_device = '/org/freedesktop/Hal/devices/pci_8086_284b_sound_card_0'
info.product = 'ALC883 Digital ALSA Playback Device'
linux.hotplug_type = 2 (0x2)
linux.sysfs_path = '/sys/devices/pci0000:00/0000:00:1b.0/sound/card0/pcmC0D1p'
info.category = 'alsa'
alsa.device = 1 (0x1)
```

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resmgr.class = 'sound'
info.callouts.add = { 'hal-resmgr' }
info.parent = '/org/freedesktop/Hal/devices/pci_8086_284b_sound_card_0'
org.freedesktop.Hal.Device.resmgr.method_argnames = { "", "" }

9: udi = '/org/freedesktop/Hal/devices/pci_8086_284b_sound_card_0_alsa_capture_2'
alsa.card_id = 'HDA Intel'
linux.device_file = '/dev/snd/pcmC0D2c'
org.freedesktop.Hal.Device.resmgr.method_execpaths = { 'hal-resmgr-grant', 'hal-resmgr-revoke' }
alsa.device_file = '/dev/snd/pcmC0D2c'
info.capabilities = { 'alsa' }
alsa.type = 'capture'
info.udi = '/org/freedesktop/Hal/devices/pci_8086_284b_sound_card_0_alsa_capture_2'
alsa.physical_device = '/org/freedesktop/Hal/devices/pci_8086_284b_sound_card_0'
alsa.pcm_class = 'generic'
alsa.device_id = 'ALC883 Analog'
linux.subsystem = 'sound'
org.freedesktop.Hal.Device.resmgr.method_signatures = { "", "" }
alsa.card = 0 (0x0)
resmgr.device = '/dev/snd/pcmC0D2c'
info.interfaces = { 'org.freedesktop.Hal.Device.resmgr' }
org.freedesktop.Hal.Device.resmgr.method_names = { 'Grant', 'Revoke' }
alsa.originating_device = '/org/freedesktop/Hal/devices/pci_8086_284b_sound_card_0'
info.product = 'ALC883 Analog ALSA Capture Device'
linux.hotplug_type = 2 (0x2)
linux.sysfs_path = '/sys/devices/pci0000:00/0000:00:1b.0/sound/card0/pcmC0D2c'
info.category = 'alsa'
alsa.device = 2 (0x2)
resmgr.class = 'sound'
info.callouts.add = { 'hal-resmgr' }
info.parent = '/org/freedesktop/Hal/devices/pci_8086_284b_sound_card_0'
org.freedesktop.Hal.Device.resmgr.method_argnames = { "", "" }

10: udi = '/org/freedesktop/Hal/devices/pci_8086_284b_sound_card_0'
info.capabilities = { 'sound' }
info.udi = '/org/freedesktop/Hal/devices/pci_8086_284b_sound_card_0'
linux.subsystem = 'sound'
sound.originating_device = '/org/freedesktop/Hal/devices/pci_8086_284b'
info.product = '(null) Sound Card'
linux.hotplug_type = 2 (0x2)
linux.sysfs_path = '/sys/devices/pci0000:00/0000:00:1b.0/sound/card0'
info.category = 'sound'
sound.physical_device = '/org/freedesktop/Hal/devices/pci_8086_284b'
sound.card = 0 (0x0)
info.parent = '/org/freedesktop/Hal/devices/pci_8086_284b'

11: udi = '/org/freedesktop/Hal/devices/computer_alsa_timer'
linux.device_file = '/dev/snd/timer'
org.freedesktop.Hal.Device.resmgr.method_execpaths = { 'hal-resmgr-grant', 'hal-resmgr-revoke' }
alsa.device_file = '/dev/snd/timer'
info.capabilities = { 'alsa' }
alsa.type = 'timer'
info.udi = '/org/freedesktop/Hal/devices/computer_alsa_timer'
linux.subsystem = 'sound'
org.freedesktop.Hal.Device.resmgr.method_signatures = { "", "" }
resmgr.device = '/dev/snd/timer'
info.interfaces = { 'org.freedesktop.Hal.Device.resmgr' }
org.freedesktop.Hal.Device.resmgr.method_names = { 'Grant', 'Revoke' }
info.product = 'ALSA Timer Device'
linux.hotplug_type = 2 (0x2)
linux.sysfs_path = '/sys/devices/virtual/sound/timer'
info.category = 'alsa'
resmgr.class = 'sound'

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info.callouts.add = { 'hal-resmgr' }
info.parent = '/org/freedesktop/Hal/devices/computer'
org.freedesktop.Hal.Device.resmgr.method_argnames = { "", "" }
```

```
12: udi = '/org/freedesktop/Hal/devices/acpi_FAN'
info.capabilities = { 'fan' }
fan.enabled = true
info.udi = '/org/freedesktop/Hal/devices/acpi_FAN'
linux.acpi_path = '/proc/acpi/fan/FAN'
info.product = 'Fan'
linux.hotplug_type = 4 (0x4)
linux.acpi_type = 2 (0x2)
info.category = 'fan'
info.parent = '/org/freedesktop/Hal/devices/computer'
```

```
13: udi = '/org/freedesktop/Hal/devices/acpi_CPU0'
info.capabilities = { 'processor' }
info.udi = '/org/freedesktop/Hal/devices/acpi_CPU0'
linux.acpi_path = '/proc/acpi/processor/CPU0'
info.product = 'Genuine Intel(R) CPU          2160 @ 1.80GHz'
linux.hotplug_type = 4 (0x4)
processor.can_throttle = false
linux.acpi_type = 1 (0x1)
info.category = 'processor'
processor.number = 0 (0x0)
info.parent = '/org/freedesktop/Hal/devices/computer'
```

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14: udi = '/org/freedesktop/Hal/devices/acpi_CPU1'
info.capabilities = { 'processor' }
info.udi = '/org/freedesktop/Hal/devices/acpi_CPU1'
linux.acpi_path = '/proc/acpi/processor/CPU1'
info.product = 'Genuine Intel(R) CPU          2160 @ 1.80GHz'
linux.hotplug_type = 4 (0x4)
processor.can_throttle = false
linux.acpi_type = 1 (0x1)
info.category = 'processor'
processor.number = 1 (0x1)
info.parent = '/org/freedesktop/Hal/devices/computer'
```

```
15: udi = '/org/freedesktop/Hal/devices/storage_model_DRW_1612BL'
block.minor = 0 (0x0)
storage.requires_eject = true
info.capabilities = { 'storage', 'block', 'storage.cdrom' }
storage.bus = 'scsi'
storage.cdrom.support_media_changed = true
storage.cdrom.support_multisession = true
storage.removable.media_available = false
storage.cdrom.hddvdr = false
storage.cdrom.mrw_w = true
org.freedesktop.Hal.Device.resmgr.method_names = { 'Grant', 'Revoke' }
info.category = 'storage'
info.product = 'DRW-1612BL'
storage.drive_type = 'cdrom'
storage.hotpluggable = false
storage.physical_device = '/org/freedesktop/Hal/devices/computer'
storage.cdrom.mrw = true
storage.partitioning_scheme = ""
storage.vendor = 'ASUS'
storage.media_check_enabled = true
storage.cdrom.read_speed = 8467 (0x2113)
org.freedesktop.Hal.Device.Storage.method_names = { 'Eject', 'CloseTray' }
storage.cdrom.dvd = true
storage.removable.media_size = 4405854208ull (0x1069c0000ull)
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block.is_volume = false
storage.firmware_version = '1.10'
storage.cdrom.bdre = false
storage.cdrom.mo = false
block.storage_device = '/org/freedesktop/Hal/devices/storage_model_DRW_1612BL'
info.addons = { 'hald-addon-storage' }
info.parent = '/org/freedesktop/Hal/devices/pci_8086_2825_scsi_host_scsi_device_lun0'
storage.cdrom.dvdplusr = true
org.freedesktop.Hal.Device.resmgr.method_signatures = { "", "" }
storage.size = 0ull (0x0ull)
storage.cdrom.write_speed = 8467 (0x2113)
org.freedesktop.Hal.Device.Storage.method_signatures = { 'as', 'as' }
block.device = '/dev/sr0'
info.callouts.add = { 'hal-resmgr' }
org.freedesktop.Hal.Device.Storage.method_argnames = { 'extra_options', 'extra_options' }
storage.cdrom.cdr = true
storage.no_partitions_hint = true
storage.cdrom.bdr = false
storage.removable = true
storage.lun = 0 (0x0)
info.vendor = 'ASUS'
storage.cdrom.dvdram = true
storage.cdrom.dvdplusrwdl = false
storage.cdrom.write_speeds = { '22160', '16620', '13850', '11080', '5540' }
storage.cdrom.dvdr = true
info.interfaces = { 'org.freedesktop.Hal.Device.Storage', 'org.freedesktop.Hal.Device.Storage',
'org.freedesktop.Hal.Device.resmgr' }
org.freedesktop.Hal.Device.Storage.method_execpaths = { 'hal-storage-eject', 'hal-storage-closetray' }
storage.originating_device = '/org/freedesktop/Hal/devices/computer'
storage.model = 'DRW-1612BL'
info.udi = '/org/freedesktop/Hal/devices/storage_model_DRW_1612BL'
storage.cdrom.dvdplusrwl = true
storage.cdrom.bd = false
storage.cdrom.hddvdrw = false
block.major = 11 (0xb)
storage.removable.support_async_notification = false
resmgr.class = 'cdrom'
linux.hotplug_type = 3 (0x3)
storage.cdrom.cdrw = true
storage.cdrom.dvdplusrw = true
org.freedesktop.Hal.Device.resmgr.method_argnames = { "", "" }
linux.sysfs_path = '/sys/block/sr0'
storage.cdrom.dvdrw = true
storage.automount_enabled_hint = true
storage.cdrom.hddvd = false
org.freedesktop.Hal.Device.resmgr.method_execpaths = { 'hal-resmgr-grant', 'hal-resmgr-revoke' }

16: udi = '/org/freedesktop/Hal/devices/volume_uuid_1031545b_9d3b_4196_9374_2a6951c6f8d2'
block.minor = 35 (0x23)
volume.label = ""
volume.ignore = true
org.freedesktop.Hal.Device.Volume.method_names = { 'Mount', 'Unmount', 'Eject' }
info.capabilities = { 'volume', 'block' }
volume.partition.flags = { }
volume.is_partition = true
volume.mount_point = '/home'
info.category = 'volume'
info.product = 'Volume (ext3)'
volume.is_disc = false
volume.is_mounted = true
volume.partition.type = '0x83'
block.is_volume = true
volume.linux.is_device_mapper = false
```

```
block.storage_device = '/org/freedesktop/Hal/devices/storage_serial_SATA_Maxtor_6B200P0_B42E01EH'  
info.parent = '/org/freedesktop/Hal/devices/storage_serial_SATA_Maxtor_6B200P0_B42E01EH'  
volume.block_size = 512 (0x200)  
volume.partition.number = 3 (0x3)  
volume.num_blocks = 352128735 (0x14fd0edf)  
volume.fsversion = '1.0'  
block.device = '/dev/sdc3'  
volume.uuid = '1031545b-9d3b-4196-9374-2a6951c6f8d2'  
volume.partition.label = "  
volume.partition.scheme = 'mbr'  
volume.partition.media_size = 203928109056ull (0x2f7b10000ull)  
volume.partition.uuid = "  
volume.fsusage = 'filesystem'  
volume.is_mounted_read_only = false  
org.freedesktop.Hal.Device.Volume.method_argnames = { 'mount_point fstype extra_options', 'extra_options',  
'extra_options' }  
info.interfaces = { 'org.freedesktop.Hal.Device.Volume' }  
storage.model = "  
volume.size = 180289912320ull (0x29fa1d8e0ull)  
info.udi = '/org/freedesktop/Hal/devices/volume_uuid_1031545b_9d3b_4196_9374_2a6951c6f8d2'  
volume.mount.valid_options = { 'ro', 'sync', 'dirsync', 'noatime', 'nodiratime', 'noexec', 'quiet', 'remount', 'exec', 'acl',  
'user_xattr', 'data=' }  
org.freedesktop.Hal.Device.Volume.method_signatures = { 'ssas', 'as', 'as' }  
block.major = 8 (0x8)  
volume.fstype = 'ext3'  
org.freedesktop.Hal.Device.Volume.method_execpaths = { 'hal-storage-mount', 'hal-storage-unmount', 'hal-storage-  
eject' }  
volume.unmount.valid_options = { 'lazy' }  
linux.hotplug_type = 3 (0x3)  
volume.partition.start = 23631229440ull (0x58087f200ull)  
linux.sysfs_path = '/sys/block/sdc/sdc3'
```

```
17: udi = '/org/freedesktop/Hal/devices/volume_uuid_2b70d955_8132_4120_9462_18fa3223ebb0'  
block.minor = 34 (0x22)  
volume.label = "  
volume.ignore = true  
org.freedesktop.Hal.Device.Volume.method_names = { 'Mount', 'Unmount', 'Eject' }  
info.capabilities = { 'volume', 'block' }  
volume.partition.flags = { }  
volume.is_partition = true  
volume.mount_point = '/'  
info.category = 'volume'  
info.product = 'Volume (ext3)'  
volume.is_disc = false  
volume.is_mounted = true  
volume.partition.type = '0x83'  
block.is_volume = true  
volume.linux.is_device_mapper = false  
block.storage_device = '/org/freedesktop/Hal/devices/storage_serial_SATA_Maxtor_6B200P0_B42E01EH'  
info.parent = '/org/freedesktop/Hal/devices/storage_serial_SATA_Maxtor_6B200P0_B42E01EH'  
volume.block_size = 512 (0x200)  
volume.partition.number = 2 (0x2)  
volume.num_blocks = 41945715 (0x2800a73)  
volume.fsversion = '1.0'  
block.device = '/dev/sdc2'  
volume.uuid = '2b70d955-8132-4120-9462-18fa3223ebb0'  
volume.partition.label = "  
volume.partition.scheme = 'mbr'  
volume.partition.media_size = 203928109056ull (0x2f7b10000ull)  
volume.partition.uuid = "  
volume.fsusage = 'filesystem'  
volume.is_mounted_read_only = false  
org.freedesktop.Hal.Device.Volume.method_argnames = { 'mount_point fstype extra_options', 'extra_options',
```



```
'extra_options' }
info.interfaces = { 'org.freedesktop.Hal.Device.Volume' }
storage.model = ""
volume.size = 21476206080ull (0x50014e600ull)
info.udi = '/org/freedesktop/Hal/devices/volume_uuid_2b70d955_8132_4120_9462_18fa3223ebb0'
volume.mount.valid_options = { 'ro', 'sync', 'dirsync', 'noatime', 'nodiratime', 'noexec', 'quiet', 'remount', 'exec', 'acl',
'user_xattr', 'data=' }
org.freedesktop.Hal.Device.Volume.method_signatures = { 'ssas', 'as', 'as' }
block.major = 8 (0x8)
volume.fstype = 'ext3'
org.freedesktop.Hal.Device.Volume.method_execpaths = { 'hal-storage-mount', 'hal-storage-unmount', 'hal-storage-
eject' }
volume.unmount.valid_options = { 'lazy' }
linux.hotplug_type = 3 (0x3)
volume.partition.start = 2155023360ull (0x80730c00ull)
linux.sysfs_path = '/sys/block/sdc/sdc2'
```

```
18: udi = '/org/freedesktop/Hal/devices/volume_uuid_9014dddc_97a3_4774_889f_8ba9273ff076'
block.minor = 33 (0x21)
volume.label = ""
volume.ignore = true
info.capabilities = { 'volume', 'block' }
volume.partition.flags = { }
volume.is_partition = true
volume.mount_point = ""
info.category = 'volume'
info.product = 'Volume (swap)'
volume.is_disc = false
volume.is_mounted = false
volume.partition.type = '0x82'
block.is_volume = true
volume.linux.is_device_mapper = false
block.storage_device = '/org/freedesktop/Hal/devices/storage_serial_SATA_Maxtor_6B200P0_B42E01EH'
info.parent = '/org/freedesktop/Hal/devices/storage_serial_SATA_Maxtor_6B200P0_B42E01EH'
volume.block_size = 512 (0x200)
volume.partition.number = 1 (0x1)
volume.num_blocks = 4208967 (0x403947)
volume.fsversion = '2'
block.device = '/dev/sdc1'
volume.uuid = '9014dddc-97a3-4774-889f-8ba9273ff076'
volume.partition.label = ""
volume.partition.scheme = 'mbr'
volume.partition.media_size = 203928109056ull (0x2f7b100000ull)
volume.partition.uuid = ""
volume.fsusage = 'other'
volume.is_mounted_read_only = false
storage.model = ""
volume.size = 2154991104ull (0x80728e00ull)
info.udi = '/org/freedesktop/Hal/devices/volume_uuid_9014dddc_97a3_4774_889f_8ba9273ff076'
block.major = 8 (0x8)
volume.fstype = 'swap'
linux.hotplug_type = 3 (0x3)
volume.partition.start = 32256ull (0x7e00ull)
linux.sysfs_path = '/sys/block/sdc/sdc1'
```

```
19: udi = '/org/freedesktop/Hal/devices/storage_serial_SATA_Maxtor_6B200P0_B42E01EH'
block.minor = 32 (0x20)
storage.requires_eject = false
volume.ignore = true
info.capabilities = { 'storage', 'block' }
storage.bus = 'scsi'
storage.removable.media_available = true
info.category = 'storage'
```

```
info.product = 'Maxtor 6B200P0'
storage.drive_type = 'disk'
storage.hotpluggable = false
storage.partitioning_scheme = 'mbr'
storage.physical_device = '/org/freedesktop/Hal/devices/computer'
storage.vendor = 'ATA'
storage.media_check_enabled = false
storage.removable.media_size = 203928109056ull (0x2f7b100000ull)
block.is_volume = false
storage.firmware_version = 'BAH4'
block.storage_device = '/org/freedesktop/Hal/devices/storage_serial_SATA_Maxtor_6B200P0_B42E01EH'
storage.serial = 'SATA_Maxtor_6B200P0_B42E01EH'
info.parent = '/org/freedesktop/Hal/devices/pci_1283_8211_scsi_host_scsi_device_lun0'
storage.size = 203928109056ull (0x2f7b100000ull)
block.device = '/dev/sdc'
storage.no_partitions_hint = false
storage.removable = false
storage.lun = 0 (0x0)
info.vendor = 'ATA'
storage.Originating_device = '/org/freedesktop/Hal/devices/computer'
storage.model = 'Maxtor 6B200P0'
info.udi = '/org/freedesktop/Hal/devices/storage_serial_SATA_Maxtor_6B200P0_B42E01EH'
block.major = 8 (0x8)
linux.hotplug_type = 3 (0x3)
linux.sysfs_path = '/sys/block/sdc'
storage.automount_enabled_hint = true
```

```
20: udi = '/org/freedesktop/Hal/devices/volume_uuid_BE84664A846604ED'
block.minor = 17 (0x11)
volume.label = ""
volume.ignore = true
org.freedesktop.Hal.Device.Volume.method_names = { 'Mount', 'Unmount', 'Eject' }
info.capabilities = { 'volume', 'block' }
volume.partition.flags = { 'boot' }
volume.is_partition = true
volume.mount_point = '/windows/C'
info.category = 'volume'
info.product = 'Volume (ntfs)'
volume.is_disc = false
volume.is_mounted = true
volume.partition.type = '0x07'
block.is_volume = true
volume.linux.is_device_mapper = false
block.storage_device =
'/org/freedesktop/Hal/devices/storage_serial_SATA_WDC_WD800JD_00M_WD_WMAM9HS15226'
info.parent = '/org/freedesktop/Hal/devices/storage_serial_SATA_WDC_WD800JD_00M_WD_WMAM9HS15226'
volume.block_size = 512 (0x200)
volume.partition.number = 1 (0x1)
volume.num_blocks = 156280257 (0x950a5c1)
volume.fsersion = '3.1'
block.device = '/dev/sdb1'
volume.uuid = 'BE84664A846604ED'
volume.partition.label = ""
volume.partition.scheme = 'mbr'
volume.partition.media_size = 80026361856ull (0x12a1f16000ull)
volume.partition.uuid = ""
volume.fsusage = 'filesystem'
volume.is_mounted_read_only = false
org.freedesktop.Hal.Device.Volume.method_argnames = { 'mount_point fstype extra_options', 'extra_options',
'extra_options' }
info.interfaces = { 'org.freedesktop.Hal.Device.Volume' }
storage.model = ""
volume.size = 80015491584ull (0x12a14b8200ull)
```

```
info.udi = '/org/freedesktop/Hal/devices/volume_uuid_BE84664A846604ED'  
volume.mount.valid_options = { 'ro', 'sync', 'dirsync', 'noatime', 'nodiratime', 'noexec', 'quiet', 'remount', 'exec', 'uid=',  
'gid=', 'umask=', 'locale=', 'utf8' }  
org.freedesktop.Hal.Device.Volume.method_signatures = { 'ssas', 'as', 'as' }  
block.major = 8 (0x8)  
volume.fstype = 'ntfs'  
org.freedesktop.Hal.Device.Volume.method_execpaths = { 'hal-storage-mount', 'hal-storage-unmount', 'hal-storage-  
eject' }  
volume.unmount.valid_options = { 'lazy' }  
linux.hotplug_type = 3 (0x3)  
volume.partition.start = 32256ull (0x7e00ull)  
linux.sysfs_path = '/sys/block/sdb/sdb1'
```

```
21: udi = '/org/freedesktop/Hal/devices/storage_serial_SATA_WDC_WD800JD_00M_WD_WMAM9HS15226'  
block.minor = 16 (0x10)  
storage.requires_eject = false  
volume.ignore = true  
info.capabilities = { 'storage', 'block' }  
storage.bus = 'scsi'  
storage.removable.media_available = true  
info.category = 'storage'  
info.product = 'WDC WD800JD-00MS'  
storage.drive_type = 'disk'  
storage.hotpluggable = false  
storage.partitioning_scheme = 'mbr'  
storage.physical_device = '/org/freedesktop/Hal/devices/computer'  
storage.vendor = 'ATA'  
storage.media_check_enabled = false  
storage.removable.media_size = 80026361856ull (0x12a1f16000ull)  
block.is_volume = false  
storage.firmware_version = '10.0'  
block.storage_device =  
'/org/freedesktop/Hal/devices/storage_serial_SATA_WDC_WD800JD_00M_WD_WMAM9HS15226'  
storage.serial = 'SATA_WDC_WD800JD-00M_WD-WMAM9HS15226'  
info.parent = '/org/freedesktop/Hal/devices/pci_8086_2820_scsi_host_0_scsi_device_lun0'  
storage.size = 80026361856ull (0x12a1f16000ull)  
block.device = '/dev/sdb'  
storage.no_partitions_hint = false  
storage.removable = false  
storage.lun = 0 (0x0)  
info.vendor = 'ATA'  
storage.originating_device = '/org/freedesktop/Hal/devices/computer'  
storage.model = 'WDC WD800JD-00MS'  
info.udi = '/org/freedesktop/Hal/devices/storage_serial_SATA_WDC_WD800JD_00M_WD_WMAM9HS15226'  
block.major = 8 (0x8)  
linux.hotplug_type = 3 (0x3)  
linux.sysfs_path = '/sys/block/sdb'  
storage.automount_enabled_hint = true
```

```
22: udi = '/org/freedesktop/Hal/devices/volume_uuid_767CF2AD7CF266F1'  
block.minor = 6 (0x6)  
org.freedesktop.Hal.Device.Volume.method_names = { 'Mount', 'Unmount', 'Eject' }  
volume.ignore = true  
volume.label = 'WD'  
info.capabilities = { 'volume', 'block' }  
volume.is_partition = true  
volume.mount_point = '/windows/E'  
info.category = 'volume'  
info.product = 'WD'  
volume.is_disc = false  
volume.is_mounted = true  
block.is_volume = true  
volume.linux.is_device_mapper = false
```

```
block.storage_device =
'/org/freedesktop/Hal/devices/storage_serial_SATA_WDC_WD2500KS_00_WD_WCANKE727854'
info.parent = '/org/freedesktop/Hal/devices/storage_serial_SATA_WDC_WD2500KS_00_WD_WCANKE727854'
volume.block_size = 512 (0x200)
volume.partition.number = 6 (0x6)
volume.num_blocks = 244011222 (0xe8b50d6)
volume.fsversion = '3.1'
block.device = '/dev/sda6'
volume.uuid = '767CF2AD7CF266F1'
volume.partition.media_size = 250059350016ull (0x3a38b2e000ull)
volume.fsusage = 'filesystem'
volume.is_mounted_read_only = false
org.freedesktop.Hal.Device.Volume.method_argnames = { 'mount_point fstype extra_options', 'extra_options',
'extra_options' }
info.interfaces = { 'org.freedesktop.Hal.Device.Volume' }
storage.model = ""
volume.size = 124933745664ull (0x1d16a1ac00ull)
info.udi = '/org/freedesktop/Hal/devices/volume_uuid_767CF2AD7CF266F1'
volume.mount.valid_options = { 'ro', 'sync', 'dirsync', 'noatime', 'nodiratime', 'noexec', 'quiet', 'remount', 'exec', 'uid=',
'gid=', 'umask=', 'locale=', 'utf8' }
org.freedesktop.Hal.Device.Volume.method_signatures = { 'ssas', 'as', 'as' }
block.major = 8 (0x8)
volume.fstype = 'ntfs'
org.freedesktop.Hal.Device.Volume.method_execpaths = { 'hal-storage-mount', 'hal-storage-unmount', 'hal-storage-
eject' }
volume.unmount.valid_options = { 'lazy' }
linux.hotplug_type = 3 (0x3)
volume.partition.start = 125122991616ull (0x1d21e95600ull)
linux.sysfs_path = '/sys/block/sda/sda6'
```

```
23: udi = '/org/freedesktop/Hal/devices/volume_uuid_32E0988BE0985747'
block.minor = 5 (0x5)
volume.label = 'WD_Filme'
volume.ignore = true
org.freedesktop.Hal.Device.Volume.method_names = { 'Mount', 'Unmount', 'Eject' }
info.capabilities = { 'volume', 'block' }
volume.partition.flags = { }
volume.is_partition = true
volume.mount_point = '/windows/D'
info.category = 'volume'
info.product = 'WD_Filme'
volume.is_disc = false
volume.is_mounted = true
volume.partition.type = '0x07'
block.is_volume = true
volume.linux.is_device_mapper = false
block.storage_device =
'/org/freedesktop/Hal/devices/storage_serial_SATA_WDC_WD2500KS_00_WD_WCANKE727854'
info.parent = '/org/freedesktop/Hal/devices/storage_serial_SATA_WDC_WD2500KS_00_WD_WCANKE727854'
volume.block_size = 512 (0x200)
volume.partition.number = 5 (0x5)
volume.num_blocks = 244364652 (0xe90b56c)
volume.fsversion = '3.1'
block.device = '/dev/sda5'
volume.uuid = '32E0988BE0985747'
volume.partition.label = ""
volume.partition.scheme = 'embr'
volume.partition.media_size = 250059350016ull (0x3a38b2e000ull)
volume.partition.uuid = ""
volume.fsusage = 'filesystem'
volume.is_mounted_read_only = false
org.freedesktop.Hal.Device.Volume.method_argnames = { 'mount_point fstype extra_options', 'extra_options',
'extra_options' }
```

```
info.interfaces = { 'org.freedesktop.Hal.Device.Volume' }
storage.model = ""
volume.size = 125114701824ull (0x1d216ad800ull)
info.udi = '/org/freedesktop/Hal/devices/volume_uuid_32E0988BE0985747'
volume.mount.valid_options = { 'ro', 'sync', 'dirsync', 'noatime', 'nodiratime', 'noexec', 'quiet', 'remount', 'exec', 'uid=',
'gid=', 'umask=', 'locale=', 'utf8' }
org.freedesktop.Hal.Device.Volume.method_signatures = { 'ssas', 'as', 'as' }
block.major = 8 (0x8)
volume.fstype = 'ntfs'
org.freedesktop.Hal.Device.Volume.method_execpaths = { 'hal-storage-mount', 'hal-storage-unmount', 'hal-storage-
eject' }
volume.unmount.valid_options = { 'lazy' }
linux.hotplug_type = 3 (0x3)
volume.partition.start = 8257536ull (0x7e0000ull)
linux.sysfs_path = '/sys/block/sda/sda5'
```

```
24: udi = '/org/freedesktop/Hal/devices/volume_part1_size_1024'
block.minor = 1 (0x1)
volume.label = ""
volume.ignore = true
info.capabilities = { 'volume', 'block' }
volume.partition.flags = { }
volume.is_partition = true
volume.mount_point = ""
info.category = 'volume'
info.product = 'Volume'
volume.is_disc = false
volume.is_mounted = false
volume.partition.type = '0x0f'
block.is_volume = true
volume.linux.is_device_mapper = false
block.storage_device =
'/org/freedesktop/Hal/devices/storage_serial_SATA_WDC_WD2500KS_00_WD_WCANKE727854'
info.parent = '/org/freedesktop/Hal/devices/storage_serial_SATA_WDC_WD2500KS_00_WD_WCANKE727854'
volume.block_size = 512 (0x200)
volume.partition.number = 1 (0x1)
volume.num_blocks = 2 (0x2)
volume.fsversion = ""
block.device = '/dev/sda1'
volume.uuid = ""
volume.partition.label = ""
volume.partition.scheme = 'mbr'
volume.partition.media_size = 250059350016ull (0x3a38b2e000ull)
volume.partition.uuid = ""
volume.fsusage = 'partitionable'
volume.is_mounted_read_only = false
storage.model = ""
volume.size = 1024ull (0x400ull)
info.udi = '/org/freedesktop/Hal/devices/volume_part1_size_1024'
block.major = 8 (0x8)
volume.fstype = ""
linux.hotplug_type = 3 (0x3)
volume.partition.start = 8225280ull (0x7d8200ull)
linux.sysfs_path = '/sys/block/sda/sda1'
```

```
25: udi = '/org/freedesktop/Hal/devices/storage_serial_SATA_WDC_WD2500KS_00_WD_WCANKE727854'
block.minor = 0 (0x0)
storage.requires_eject = false
volume.ignore = true
info.capabilities = { 'storage', 'block' }
storage.bus = 'scsi'
storage.removable.media_available = true
info.category = 'storage'
```

```
info.product = 'WDC WD2500KS-00M'
storage.drive_type = 'disk'
storage.hotpluggable = false
storage.partitioning_scheme = 'mbr'
storage.physical_device = '/org/freedesktop/Hal/devices/computer'
storage.vendor = 'ATA'
storage.media_check_enabled = false
storage.removable.media_size = 250059350016ull (0x3a38b2e000ull)
block.is_volume = false
storage.firmware_version = '02.0'
block.storage_device =
'/org/freedesktop/Hal/devices/storage_serial_SATA_WDC_WD2500KS_00_WD_WCANKE727854'
storage.serial = 'SATA_WDC_WD2500KS-00_WD-WCANKE727854'
info.parent = '/org/freedesktop/Hal/devices/pci_8086_2820_scsi_host_scsi_device_lun0'
storage.size = 250059350016ull (0x3a38b2e000ull)
block.device = '/dev/sda'
storage.no_partitions_hint = false
storage.removable = false
storage.lun = 0 (0x0)
info.vendor = 'ATA'
storage.Originating_device = '/org/freedesktop/Hal/devices/computer'
storage.model = 'WDC WD2500KS-00M'
info.udi = '/org/freedesktop/Hal/devices/storage_serial_SATA_WDC_WD2500KS_00_WD_WCANKE727854'
block.major = 8 (0x8)
linux.hotplug_type = 3 (0x3)
linux.sysfs_path = '/sys/block/sda'
storage.automount_enabled_hint = true
```

```
26: udi = '/org/freedesktop/Hal/devices/pnp_PNP0501_serial_platform_0'
linux.device_file = '/dev/ttyS0'
serial.device = '/dev/ttyS0'
org.freedesktop.Hal.Device.resmgr.method_execpaths = { 'hal-resmgr-grant', 'hal-resmgr-revoke' }
serial.physical_device = '/org/freedesktop/Hal/devices/pnp_PNP0501'
info.capabilities = { 'serial' }
info.udi = '/org/freedesktop/Hal/devices/pnp_PNP0501_serial_platform_0'
linux.subsystem = 'tty'
org.freedesktop.Hal.Device.resmgr.method_signatures = { "", "" }
resmgr.device = '/dev/ttyS0'
info.interfaces = { 'org.freedesktop.Hal.Device.resmgr' }
org.freedesktop.Hal.Device.resmgr.method_names = { 'Grant', 'Revoke' }
info.product = '16550A-compatible COM port'
linux.hotplug_type = 2 (0x2)
linux.sysfs_path = '/sys/devices/pnp0/00:07/tty/ttyS0'
serial.type = 'platform'
info.category = 'serial'
serial.Originating_device = '/org/freedesktop/Hal/devices/pnp_PNP0501'
resmgr.class = 'modem'
info.callouts.add = { 'hal-resmgr' }
info.parent = '/org/freedesktop/Hal/devices/pnp_PNP0501'
serial.port = 0 (0x0)
org.freedesktop.Hal.Device.resmgr.method_argnames = { "", "" }
```

```
27: udi = '/org/freedesktop/Hal/devices/net_00_50_8d_b2_11_c4'
net.arp_proto_hw_id = 1 (0x1)
net.80203.mac_address = 345974641092ull (0x508db211c4ull)
net.physical_device = '/org/freedesktop/Hal/devices/pci_10ec_8167'
net.address = '00:50:8d:b2:11:c4'
info.capabilities = { 'net', 'net.80203' }
info.udi = '/org/freedesktop/Hal/devices/net_00_50_8d_b2_11_c4'
linux.subsystem = 'net'
net.Originating_device = '/org/freedesktop/Hal/devices/pci_10ec_8167'
net.linux.ifindex = 2 (0x2)
info.product = 'Networking Interface'
```

```
linux.hotplug_type = 2 (0x2)
linux.sysfs_path = '/sys/devices/pci0000:00/0000:00:1e.0/0000:02:01.0/net/eth0'
info.category = 'net.80203'
info.parent = '/org/freedesktop/Hal/devices/pci_10ec_8167'
net.interface = 'eth0'
```

```
28: udi = '/org/freedesktop/Hal/devices/pci_1131_7133_video4linux_0'
linux.device_file = '/dev/video0'
org.freedesktop.Hal.Device.resmgr.method_execpaths = { 'hal-resmgr-grant', 'hal-resmgr-revoke' }
video4linux.device = '/dev/video0'
info.capabilities = { 'video4linux' }
info.udi = '/org/freedesktop/Hal/devices/pci_1131_7133_video4linux_0'
linux.subsystem = 'video4linux'
org.freedesktop.Hal.Device.resmgr.method_signatures = { "", "" }
info.interfaces = { 'org.freedesktop.Hal.Device.resmgr' }
org.freedesktop.Hal.Device.resmgr.method_names = { 'Grant', 'Revoke' }
info.product = 'Video Device'
linux.hotplug_type = 2 (0x2)
linux.sysfs_path = '/sys/class/video4linux/video0'
info.category = 'video4linux'
resmgr.class = 'v4l'
info.callouts.add = { 'hal-resmgr' }
info.parent = '/org/freedesktop/Hal/devices/pci_1131_7133'
org.freedesktop.Hal.Device.resmgr.method_argnames = { "", "" }
```

```
29: udi = '/org/freedesktop/Hal/devices/computer'
system.chassis.type = 'Desktop'
info.capabilities = { 'cpufreq_control' }
system.kernel.name = 'Linux'
org.freedesktop.Hal.Device.SystemPowerManagement.method_argnames = { 'num_seconds_to_sleep',
'num_seconds_to_sleep', "", "", "", 'enable_power_save' }
system.kernel.version = '2.6.22.5-31-default'
system.kernel.machine = 'i686'
smbios.system.uuid = '00000000-0000-0000-0000-00508DB211C4'
power_management.can_suspend_to_disk = true
system.hardware.vendor = 'System Manufacturer'
smbios.chassis.type = 'Desktop'
org.freedesktop.Hal.Device.resmgr.method_names = { 'Grant', 'Revoke' }
smbios.system.serial = 'System Serial Number'
info.product = 'Computer'
smbios.bios.version = '6.00 PG'
system.hardware.uuid = '00000000-0000-0000-0000-00508DB211C4'
power_management.acpi.linux.version = '20070126'
system.hardware.serial = 'System Serial Number'
power_management.can_hibernate = true
smbios.bios.vendor = 'Phoenix Technologies, LTD'
power_management.is_powersave_set = false
smbios.system.manufacturer = 'System Manufacturer'
info.addons = { 'hald-addon-cpufreq', 'hald-addon-acpi' }
power_management.can_suspend_to_ram = true
system.hardware.primary_video.product = 915 (0x393)
power_management.can_standby = false
system.hardware.product = 'System Product Name'
system.firmware.version = '6.00 PG'
org.freedesktop.Hal.Device.SystemPowerManagement.method_signatures = { 'i', 'i', "", "", "", 'b' }
org.freedesktop.Hal.Device.resmgr.method_signatures = { "", "" }
system.firmware.release_date = '08/16/2007'
system.chassis.manufacturer = 'System Enclosure Manufacturer'
smbios.system.version = 'System Version'
power_management.can_suspend = true
system.formfactor = 'desktop'
power_management.type = 'acpi'
info.callouts.add = { 'hal-storage-cleanup-all-mountpoints' }
```

```
smbios.chassis.manufacturer = 'System Enclosure Manufacturer'
system.firmware.vendor = 'Phoenix Technologies, LTD'
info.subsystem = 'unknown'
power_management.can_suspend_hybrid = false
system.hardware.primary_video.vendor = 4318 (0x10de)
system.product = 'System Product Name System Version'
info.interfaces = { 'org.freedesktop.Hal.Device.SystemPowerManagement', 'org.freedesktop.Hal.Device.resmgr',
'org.freedesktop.Hal.Device.CPUFreq' }
info.udi = '/org/freedesktop/Hal/devices/computer'
smbios.bios.release_date = '08/16/2007'
info.bus = 'unknown'
org.freedesktop.Hal.Device.SystemPowerManagement.method_names = { 'Suspend', 'SuspendHybrid', 'Hibernate',
'Standby', 'Shutdown', 'Reboot', 'SetPowerSave' }
system.hardware.version = 'System Version'
org.freedesktop.Hal.Device.SystemPowerManagement.method_execpaths = { 'hal-system-power-suspend', 'hal-
system-power-suspend-hybrid', 'hal-system-power-hibernate', 'hal-system-power-standby', 'hal-system-power-
shutdown', 'hal-system-power-reboot', 'hal-system-power-set-power-save' }
org.freedesktop.Hal.Device.resmgr.method_argnames = { "", "" }
smbios.system.product = 'System Product Name'
system.vendor = 'System Manufacturer'
org.freedesktop.Hal.Device.resmgr.method_execpaths = { 'hal-resmgr-grant', 'hal-resmgr-revoke' }
```

```
30: udi = '/org/freedesktop/Hal/devices/pci_1131_7133_video4linux'
linux.device_file = '/dev/vbi0'
org.freedesktop.Hal.Device.resmgr.method_execpaths = { 'hal-resmgr-grant', 'hal-resmgr-revoke' }
video4linux.device = '/dev/vbi0'
info.capabilities = { 'video4linux' }
info.udi = '/org/freedesktop/Hal/devices/pci_1131_7133_video4linux'
linux.subsystem = 'video4linux'
org.freedesktop.Hal.Device.resmgr.method_signatures = { "", "" }
info.interfaces = { 'org.freedesktop.Hal.Device.resmgr' }
org.freedesktop.Hal.Device.resmgr.method_names = { 'Grant', 'Revoke' }
info.product = 'Video Device'
linux.hotplug_type = 2 (0x2)
linux.sysfs_path = '/sys/class/video4linux/vbi0'
info.category = 'video4linux'
resmgr.class = 'v4l'
info.callouts.add = { 'hal-resmgr' }
info.parent = '/org/freedesktop/Hal/devices/pci_1131_7133'
org.freedesktop.Hal.Device.resmgr.method_argnames = { "", "" }
```

```
31: udi = '/org/freedesktop/Hal/devices/pci_1283_8211_scsi_host_scsi_device_lun0_scsi_generic'
linux.device_file = '/dev/sg3'
info.capabilities = { 'scsi_generic' }
info.udi = '/org/freedesktop/Hal/devices/pci_1283_8211_scsi_host_scsi_device_lun0_scsi_generic'
linux.subsystem = 'scsi_generic'
scsi_generic.device = '/dev/sg3'
info.product = 'SCSI Generic Interface'
linux.hotplug_type = 2 (0x2)
linux.sysfs_path = '/sys/class/scsi_generic/sg3'
info.category = 'scsi_generic'
info.parent = '/org/freedesktop/Hal/devices/pci_1283_8211_scsi_host_scsi_device_lun0'
```

```
32: udi = '/org/freedesktop/Hal/devices/pci_8086_2825_scsi_host_scsi_device_lun0_scsi_generic'
linux.device_file = '/dev/sg2'
org.freedesktop.Hal.Device.resmgr.method_execpaths = { 'hal-resmgr-grant', 'hal-resmgr-revoke' }
info.capabilities = { 'scsi_generic' }
info.udi = '/org/freedesktop/Hal/devices/pci_8086_2825_scsi_host_scsi_device_lun0_scsi_generic'
linux.subsystem = 'scsi_generic'
org.freedesktop.Hal.Device.resmgr.method_signatures = { "", "" }
scsi_generic.device = '/dev/sg2'
info.interfaces = { 'org.freedesktop.Hal.Device.resmgr' }
org.freedesktop.Hal.Device.resmgr.method_names = { 'Grant', 'Revoke' }
```



```
info.product = 'SCSI Generic Interface'
linux.hotplug_type = 2 (0x2)
linux.sysfs_path = '/sys/class/scsi_generic/sg2'
info.category = 'scsi_generic'
resmgr.class = 'cdrom'
info.callouts.add = { 'hal-resmgr' }
info.parent = '/org/freedesktop/Hal/devices/pci_8086_2825_scsi_host_scsi_device_lun0'
org.freedesktop.Hal.Device.resmgr.method_argnames = { "", "" }
```

```
33: udi = '/org/freedesktop/Hal/devices/pci_8086_2820_scsi_host_0_scsi_device_lun0_scsi_generic'
linux.device_file = '/dev/sg1'
info.capabilities = { 'scsi_generic' }
info.udi = '/org/freedesktop/Hal/devices/pci_8086_2820_scsi_host_0_scsi_device_lun0_scsi_generic'
linux.subsystem = 'scsi_generic'
scsi_generic.device = '/dev/sg1'
info.product = 'SCSI Generic Interface'
linux.hotplug_type = 2 (0x2)
linux.sysfs_path = '/sys/class/scsi_generic/sg1'
info.category = 'scsi_generic'
info.parent = '/org/freedesktop/Hal/devices/pci_8086_2820_scsi_host_0_scsi_device_lun0'
```

```
34: udi = '/org/freedesktop/Hal/devices/pci_8086_2820_scsi_host_scsi_device_lun0_scsi_generic'
linux.device_file = '/dev/sg0'
info.capabilities = { 'scsi_generic' }
info.udi = '/org/freedesktop/Hal/devices/pci_8086_2820_scsi_host_scsi_device_lun0_scsi_generic'
linux.subsystem = 'scsi_generic'
scsi_generic.device = '/dev/sg0'
info.product = 'SCSI Generic Interface'
linux.hotplug_type = 2 (0x2)
linux.sysfs_path = '/sys/class/scsi_generic/sg0'
info.category = 'scsi_generic'
info.parent = '/org/freedesktop/Hal/devices/pci_8086_2820_scsi_host_scsi_device_lun0'
```

```
35: udi = '/org/freedesktop/Hal/devices/computer_logicaldev_input_0'
linux.device_file = '/dev/input/event4'
button.has_state = false
input.product = 'Power Button (CM)'
info.capabilities = { 'input', 'button' }
info.udi = '/org/freedesktop/Hal/devices/computer_logicaldev_input_0'
linux.subsystem = 'input'
info.product = 'Power Button (CM)'
linux.hotplug_type = 2 (0x2)
linux.sysfs_path = '/sys/class/input/input4/event4'
button.type = 'power'
info.addons.singleton = { 'hald-addon-input' }
info.category = 'input'
input.device = '/dev/input/event4'
info.parent = '/org/freedesktop/Hal/devices/computer'
```

```
36: udi = '/org/freedesktop/Hal/devices/computer_logicaldev_input'
linux.device_file = '/dev/input/event3'
button.has_state = false
input.product = 'Power Button (FF)'
info.capabilities = { 'input', 'button' }
info.udi = '/org/freedesktop/Hal/devices/computer_logicaldev_input'
linux.subsystem = 'input'
info.product = 'Power Button (FF)'
linux.hotplug_type = 2 (0x2)
linux.sysfs_path = '/sys/class/input/input3/event3'
button.type = 'power'
info.addons.singleton = { 'hald-addon-input' }
info.category = 'input'
input.device = '/dev/input/event3'
```

info.parent = '/org/freedesktop/Hal/devices/computer'

37: udi = '/org/freedesktop/Hal/devices/platform\_i8042\_i8042\_AUX\_port\_logicaldev\_input'  
linux.device\_file = '/dev/input/event2'  
org.freedesktop.Hal.Device.resmgr.method\_execpaths = { 'hal-resmgr-grant', 'hal-resmgr-revoke' }  
input.product = 'ImExPS/2 Generic Explorer Mouse'  
info.capabilities = { 'input', 'input.mouse' }  
info.udi = '/org/freedesktop/Hal/devices/platform\_i8042\_i8042\_AUX\_port\_logicaldev\_input'  
linux.subsystem = 'input'  
org.freedesktop.Hal.Device.resmgr.method\_signatures = { "", "" }  
input.originating\_device = '/org/freedesktop/Hal/devices/platform\_i8042\_i8042\_AUX\_port'  
resmgr.device = '/dev/input/event2'  
info.interfaces = { 'org.freedesktop.Hal.Device.resmgr' }  
org.freedesktop.Hal.Device.resmgr.method\_names = { 'Grant', 'Revoke' }  
info.product = 'ImExPS/2 Generic Explorer Mouse'  
linux.hotplug\_type = 2 (0x2)  
linux.sysfs\_path = '/sys/class/input/input2/event2'  
info.category = 'input'  
input.physical\_device = '/org/freedesktop/Hal/devices/platform\_i8042\_i8042\_AUX\_port'  
input.device = '/dev/input/event2'  
resmgr.class = 'input'  
info.callouts.add = { 'hal-resmgr' }  
info.parent = '/org/freedesktop/Hal/devices/platform\_i8042\_i8042\_AUX\_port'  
org.freedesktop.Hal.Device.resmgr.method\_argnames = { "", "" }

38: udi = '/org/freedesktop/Hal/devices/platform\_pcspr\_logicaldev\_input'  
linux.device\_file = '/dev/input/event1'  
input.product = 'PC Speaker'  
info.capabilities = { 'input' }  
info.udi = '/org/freedesktop/Hal/devices/platform\_pcspr\_logicaldev\_input'  
linux.subsystem = 'input'  
input.originating\_device = '/org/freedesktop/Hal/devices/platform\_pcspr'  
info.product = 'PC Speaker'  
linux.hotplug\_type = 2 (0x2)  
linux.sysfs\_path = '/sys/class/input/input1/event1'  
info.category = 'input'  
input.physical\_device = '/org/freedesktop/Hal/devices/platform\_pcspr'  
input.device = '/dev/input/event1'  
info.parent = '/org/freedesktop/Hal/devices/platform\_pcspr'

39: udi = '/org/freedesktop/Hal/devices/platform\_i8042\_i8042\_KBD\_port\_logicaldev\_input'  
linux.device\_file = '/dev/input/event0'  
input.product = 'AT Translated Set 2 keyboard'  
info.capabilities = { 'input', 'input.keyboard', 'input.keypad', 'input.keys', 'button' }  
info.udi = '/org/freedesktop/Hal/devices/platform\_i8042\_i8042\_KBD\_port\_logicaldev\_input'  
linux.subsystem = 'input'  
input.originating\_device = '/org/freedesktop/Hal/devices/platform\_i8042\_i8042\_KBD\_port'  
info.product = 'AT Translated Set 2 keyboard'  
linux.hotplug\_type = 2 (0x2)  
linux.sysfs\_path = '/sys/class/input/input0/event0'  
info.addons.singleton = { 'hald-addon-input' }  
info.category = 'input'  
input.physical\_device = '/org/freedesktop/Hal/devices/platform\_i8042\_i8042\_KBD\_port'  
input.device = '/dev/input/event0'  
info.parent = '/org/freedesktop/Hal/devices/platform\_i8042\_i8042\_KBD\_port'

40: udi = '/org/freedesktop/Hal/devices/pnp\_PNP0c01'  
info.bus = 'pnp'  
pnp.description = 'System Board'  
info.udi = '/org/freedesktop/Hal/devices/pnp\_PNP0c01'  
linux.subsystem = 'pnp'  
pnp.id = 'PNP0c01'  
info.subsystem = 'pnp'

info.product = 'System Board'  
linux.hotplug\_type = 2 (0x2)  
linux.sysfs\_path = '/sys/devices/pnp0/00:0d'  
info.parent = '/org/freedesktop/Hal/devices/computer'  
info.linux.driver = 'system'

41: udi = '/org/freedesktop/Hal/devices/pnp\_PNP0c02\_1'  
info.bus = 'pnp'  
pnp.description = 'General ID for reserving resources required by PnP motherboard registers. (Not device specific.)'  
info.udi = '/org/freedesktop/Hal/devices/pnp\_PNP0c02\_1'  
linux.subsystem = 'pnp'  
pnp.id = 'PNP0c02'  
info.subsystem = 'pnp'  
info.product = 'General ID for reserving resources required by PnP motherboard registers. (Not device specific.)'  
linux.hotplug\_type = 2 (0x2)  
linux.sysfs\_path = '/sys/devices/pnp0/00:0c'  
info.parent = '/org/freedesktop/Hal/devices/computer'  
info.linux.driver = 'system'

42: udi = '/org/freedesktop/Hal/devices/pnp\_INT0800'  
info.bus = 'pnp'  
info.udi = '/org/freedesktop/Hal/devices/pnp\_INT0800'  
linux.subsystem = 'pnp'  
pnp.id = 'INT0800'  
info.subsystem = 'pnp'  
info.product = 'PnP Device (INT0800)'  
linux.hotplug\_type = 2 (0x2)  
linux.sysfs\_path = '/sys/devices/pnp0/00:0b'  
info.parent = '/org/freedesktop/Hal/devices/computer'

43: udi = '/org/freedesktop/Hal/devices/pnp\_PNP0c02\_0'  
info.bus = 'pnp'  
pnp.description = 'General ID for reserving resources required by PnP motherboard registers. (Not device specific.)'  
info.udi = '/org/freedesktop/Hal/devices/pnp\_PNP0c02\_0'  
linux.subsystem = 'pnp'  
pnp.id = 'PNP0c02'  
info.subsystem = 'pnp'  
info.product = 'General ID for reserving resources required by PnP motherboard registers. (Not device specific.)'  
linux.hotplug\_type = 2 (0x2)  
linux.sysfs\_path = '/sys/devices/pnp0/00:0a'  
info.parent = '/org/freedesktop/Hal/devices/computer'  
info.linux.driver = 'system'

44: udi = '/org/freedesktop/Hal/devices/pnp\_PNP0303'  
info.bus = 'pnp'  
pnp.description = 'IBM Enhanced (101/102-key, PS/2 mouse support)'  
info.udi = '/org/freedesktop/Hal/devices/pnp\_PNP0303'  
linux.subsystem = 'pnp'  
pnp.id = 'PNP0303'  
info.subsystem = 'pnp'  
info.product = 'IBM Enhanced (101/102-key, PS/2 mouse support)'  
linux.hotplug\_type = 2 (0x2)  
linux.sysfs\_path = '/sys/devices/pnp0/00:09'  
info.parent = '/org/freedesktop/Hal/devices/computer'  
info.linux.driver = 'i8042 kbd'

45: udi = '/org/freedesktop/Hal/devices/pnp\_PNP0f13'  
info.bus = 'pnp'  
pnp.description = 'PS/2 Port for PS/2-style Mice'  
info.udi = '/org/freedesktop/Hal/devices/pnp\_PNP0f13'  
linux.subsystem = 'pnp'  
pnp.id = 'PNP0f13'  
info.subsystem = 'pnp'

info.product = 'PS/2 Port for PS/2-style Mice'  
linux.hotplug\_type = 2 (0x2)  
linux.sysfs\_path = '/sys/devices/pnp0/00:08'  
info.parent = '/org/freedesktop/Hal/devices/computer'  
info.linux.driver = 'i8042 aux'

46: udi = '/org/freedesktop/Hal/devices/pnp\_PNP0501'  
info.bus = 'pnp'  
pnp.description = '16550A-compatible COM port'  
info.udi = '/org/freedesktop/Hal/devices/pnp\_PNP0501'  
linux.subsystem = 'pnp'  
pnp.id = 'PNP0501'  
info.subsystem = 'pnp'  
info.product = '16550A-compatible COM port'  
linux.hotplug\_type = 2 (0x2)  
linux.sysfs\_path = '/sys/devices/pnp0/00:07'  
info.parent = '/org/freedesktop/Hal/devices/computer'  
info.linux.driver = 'serial'

47: udi = '/org/freedesktop/Hal/devices/pnp\_PNP0700'  
info.bus = 'pnp'  
pnp.description = 'PC standard floppy disk controller'  
info.udi = '/org/freedesktop/Hal/devices/pnp\_PNP0700'  
linux.subsystem = 'pnp'  
pnp.id = 'PNP0700'  
info.subsystem = 'pnp'  
info.product = 'PC standard floppy disk controller'  
linux.hotplug\_type = 2 (0x2)  
linux.sysfs\_path = '/sys/devices/pnp0/00:06'  
info.parent = '/org/freedesktop/Hal/devices/computer'

48: udi = '/org/freedesktop/Hal/devices/pnp\_PNP0c04'  
info.bus = 'pnp'  
pnp.description = 'Math Coprocessor'  
info.udi = '/org/freedesktop/Hal/devices/pnp\_PNP0c04'  
linux.subsystem = 'pnp'  
pnp.id = 'PNP0c04'  
info.subsystem = 'pnp'  
info.product = 'Math Coprocessor'  
linux.hotplug\_type = 2 (0x2)  
linux.sysfs\_path = '/sys/devices/pnp0/00:05'  
info.parent = '/org/freedesktop/Hal/devices/computer'

49: udi = '/org/freedesktop/Hal/devices/pnp\_PNP0800'  
info.bus = 'pnp'  
pnp.description = 'AT-style speaker sound'  
info.udi = '/org/freedesktop/Hal/devices/pnp\_PNP0800'  
linux.subsystem = 'pnp'  
pnp.id = 'PNP0800'  
info.subsystem = 'pnp'  
info.product = 'AT-style speaker sound'  
linux.hotplug\_type = 2 (0x2)  
linux.sysfs\_path = '/sys/devices/pnp0/00:04'  
info.parent = '/org/freedesktop/Hal/devices/computer'

50: udi = '/org/freedesktop/Hal/devices/pnp\_PNP0b00'  
info.bus = 'pnp'  
pnp.description = 'AT Real-Time Clock'  
info.udi = '/org/freedesktop/Hal/devices/pnp\_PNP0b00'  
linux.subsystem = 'pnp'  
pnp.id = 'PNP0b00'  
info.subsystem = 'pnp'  
info.product = 'AT Real-Time Clock'

linux.hotplug\_type = 2 (0x2)  
linux.sysfs\_path = '/sys/devices/pnp0/00:03'  
info.parent = '/org/freedesktop/Hal/devices/computer'

51: udi = '/org/freedesktop/Hal/devices/pnp\_PNP0200'  
info.bus = 'pnp'  
pnp.description = 'AT DMA Controller'  
info.udi = '/org/freedesktop/Hal/devices/pnp\_PNP0200'  
linux.subsystem = 'pnp'  
pnp.id = 'PNP0200'  
info.subsystem = 'pnp'  
info.product = 'AT DMA Controller'  
linux.hotplug\_type = 2 (0x2)  
linux.sysfs\_path = '/sys/devices/pnp0/00:02'  
info.parent = '/org/freedesktop/Hal/devices/computer'

52: udi = '/org/freedesktop/Hal/devices/pnp\_PNP0c02'  
info.bus = 'pnp'  
pnp.description = 'General ID for reserving resources required by PnP motherboard registers. (Not device specific.)'  
info.udi = '/org/freedesktop/Hal/devices/pnp\_PNP0c02'  
linux.subsystem = 'pnp'  
pnp.id = 'PNP0c02'  
info.subsystem = 'pnp'  
info.product = 'General ID for reserving resources required by PnP motherboard registers. (Not device specific.)'  
linux.hotplug\_type = 2 (0x2)  
linux.sysfs\_path = '/sys/devices/pnp0/00:01'  
info.parent = '/org/freedesktop/Hal/devices/computer'  
info.linux.driver = 'system'

53: udi = '/org/freedesktop/Hal/devices/pnp\_PNP0a08'  
info.bus = 'pnp'  
info.udi = '/org/freedesktop/Hal/devices/pnp\_PNP0a08'  
linux.subsystem = 'pnp'  
pnp.id = 'PNP0a08'  
info.subsystem = 'pnp'  
info.product = 'PnP Device (PNP0a08)'  
linux.hotplug\_type = 2 (0x2)  
linux.sysfs\_path = '/sys/devices/pnp0/00:00'  
info.parent = '/org/freedesktop/Hal/devices/computer'

54: udi = '/org/freedesktop/Hal/devices/platform\_vesafb\_0'  
platform.id = 'vesafb.0'  
info.bus = 'platform'  
info.udi = '/org/freedesktop/Hal/devices/platform\_vesafb\_0'  
linux.subsystem = 'platform'  
info.subsystem = 'platform'  
info.product = 'Platform Device (vesafb.0)'  
linux.hotplug\_type = 2 (0x2)  
linux.sysfs\_path = '/sys/devices/platform/vesafb.0'  
info.parent = '/org/freedesktop/Hal/devices/computer'  
info.linux.driver = 'vesafb'

55: udi = '/org/freedesktop/Hal/devices/platform\_serial8250'  
platform.id = 'serial8250'  
info.bus = 'platform'  
info.udi = '/org/freedesktop/Hal/devices/platform\_serial8250'  
linux.subsystem = 'platform'  
info.subsystem = 'platform'  
info.product = 'Platform Device (serial8250)'  
linux.hotplug\_type = 2 (0x2)  
linux.sysfs\_path = '/sys/devices/platform/serial8250'  
info.parent = '/org/freedesktop/Hal/devices/computer'  
info.linux.driver = 'serial8250'

56: udi = '/org/freedesktop/Hal/devices/platform\_pcspr'  
platform.id = 'pcspr'  
info.bus = 'platform'  
info.udi = '/org/freedesktop/Hal/devices/platform\_pcspr'  
linux.subsystem = 'platform'  
info.subsystem = 'platform'  
info.product = 'Platform Device (pcspr)'  
linux.hotplug\_type = 2 (0x2)  
linux.sysfs\_path = '/sys/devices/platform/pcspr'  
info.parent = '/org/freedesktop/Hal/devices/computer'  
info.linux.driver = 'pcspr'

57: udi = '/org/freedesktop/Hal/devices/platform\_iTCO\_wdt'  
platform.id = 'iTCO\_wdt'  
info.bus = 'platform'  
info.udi = '/org/freedesktop/Hal/devices/platform\_iTCO\_wdt'  
linux.subsystem = 'platform'  
info.subsystem = 'platform'  
info.product = 'Platform Device (iTCO\_wdt)'  
linux.hotplug\_type = 2 (0x2)  
linux.sysfs\_path = '/sys/devices/platform/iTCO\_wdt'  
info.parent = '/org/freedesktop/Hal/devices/computer'  
info.linux.driver = 'iTCO\_wdt'

58: udi = '/org/freedesktop/Hal/devices/platform\_i8042\_i8042\_AUX\_port'  
info.bus = 'serio'  
info.udi = '/org/freedesktop/Hal/devices/platform\_i8042\_i8042\_AUX\_port'  
linux.subsystem = 'serio'  
info.subsystem = 'serio'  
info.product = 'i8042 AUX port'  
linux.hotplug\_type = 2 (0x2)  
linux.sysfs\_path = '/sys/devices/platform/i8042/serio1'  
serio.description = 'i8042 AUX port'  
info.parent = '/org/freedesktop/Hal/devices/platform\_i8042'  
info.linux.driver = 'psmouse'  
serio.id = 'serio1'

59: udi = '/org/freedesktop/Hal/devices/platform\_i8042\_i8042\_KBD\_port'  
info.bus = 'serio'  
info.udi = '/org/freedesktop/Hal/devices/platform\_i8042\_i8042\_KBD\_port'  
linux.subsystem = 'serio'  
info.subsystem = 'serio'  
info.product = 'i8042 KBD port'  
linux.hotplug\_type = 2 (0x2)  
linux.sysfs\_path = '/sys/devices/platform/i8042/serio0'  
serio.description = 'i8042 KBD port'  
info.parent = '/org/freedesktop/Hal/devices/platform\_i8042'  
info.linux.driver = 'atkbd'  
serio.id = 'serio0'

60: udi = '/org/freedesktop/Hal/devices/platform\_i8042'  
platform.id = 'i8042'  
info.bus = 'platform'  
info.udi = '/org/freedesktop/Hal/devices/platform\_i8042'  
linux.subsystem = 'platform'  
info.subsystem = 'platform'  
info.product = 'Platform Device (i8042)'  
linux.hotplug\_type = 2 (0x2)  
linux.sysfs\_path = '/sys/devices/platform/i8042'  
info.parent = '/org/freedesktop/Hal/devices/computer'  
info.linux.driver = 'i8042'

61: udi = '/org/freedesktop/Hal/devices/platform\_floppy\_0'  
platform.id = 'floppy.0'  
info.bus = 'platform'  
info.udi = '/org/freedesktop/Hal/devices/platform\_floppy\_0'  
linux.subsystem = 'platform'  
info.subsystem = 'platform'  
info.product = 'Platform Device (floppy.0)'  
linux.hotplug\_type = 2 (0x2)  
linux.sysfs\_path = '/sys/devices/platform/floppy.0'  
info.parent = '/org/freedesktop/Hal/devices/computer'

62: udi = '/org/freedesktop/Hal/devices/pci\_8086\_2825\_scsi\_host\_scsi\_device\_lun0'  
scsi.vendor = 'ASUS'  
scsi.bus = 0 (0x0)  
info.bus = 'scsi'  
scsi.target = 0 (0x0)  
scsi.lun = 0 (0x0)  
info.udi = '/org/freedesktop/Hal/devices/pci\_8086\_2825\_scsi\_host\_scsi\_device\_lun0'  
linux.subsystem = 'scsi'  
info.subsystem = 'scsi'  
info.product = 'SCSI Device'  
scsi.model = 'DRW-1612BL'  
linux.hotplug\_type = 2 (0x2)  
linux.sysfs\_path = '/sys/devices/pci0000:00/0000:00:1f.5/host2/target2:0:0/2:0:0:0'  
scsi.host = 2 (0x2)  
scsi.type = 'cdrom'  
info.parent = '/org/freedesktop/Hal/devices/pci\_8086\_2825\_scsi\_host'  
info.linux.driver = 'sr'

63: udi = '/org/freedesktop/Hal/devices/pci\_8086\_2825\_scsi\_host'  
scsi\_host.host = 2 (0x2)  
info.capabilities = { 'scsi\_host' }  
info.udi = '/org/freedesktop/Hal/devices/pci\_8086\_2825\_scsi\_host'  
linux.subsystem = 'scsi\_host'  
info.product = 'SCSI Host Adapter'  
linux.hotplug\_type = 2 (0x2)  
linux.sysfs\_path = '/sys/devices/pci0000:00/0000:00:1f.5/host2'  
info.category = 'scsi\_host'  
info.parent = '/org/freedesktop/Hal/devices/pci\_8086\_2825'

64: udi = '/org/freedesktop/Hal/devices/pci\_8086\_2825'  
pci.product = '82801H (ICH8 Family) 2 port SATA IDE Controller'  
pci.subsys\_vendor = 'ABIT Computer Corp.'  
info.bus = 'pci'  
pci.device\_protocol = 133 (0x85)  
info.udi = '/org/freedesktop/Hal/devices/pci\_8086\_2825'  
pci.linux.sysfs\_path = '/sys/devices/pci0000:00/0000:00:1f.5'  
pci.subsys\_product\_id = 4224 (0x1080)  
linux.subsystem = 'pci'  
info.vendor = 'Intel Corporation'  
info.subsystem = 'pci'  
pci.product\_id = 10277 (0x2825)  
pci.vendor = 'Intel Corporation'  
info.product = '82801H (ICH8 Family) 2 port SATA IDE Controller'  
linux.hotplug\_type = 2 (0x2)  
linux.sysfs\_path = '/sys/devices/pci0000:00/0000:00:1f.5'  
pci.vendor\_id = 32902 (0x8086)  
info.parent = '/org/freedesktop/Hal/devices/computer'  
info.linux.driver = 'ata\_piix'  
pci.subsys\_vendor\_id = 5243 (0x147b)  
pci.device\_class = 1 (0x1)  
pci.device\_subclass = 1 (0x1)

65: udi = '/org/freedesktop/Hal/devices/pci\_8086\_283e'  
pci.product = '82801H (ICH8 Family) SMBus Controller'  
pci.subsys\_vendor = 'ABIT Computer Corp.'  
info.bus = 'pci'  
pci.device\_protocol = 0 (0x0)  
info.udi = '/org/freedesktop/Hal/devices/pci\_8086\_283e'  
pci.linux.sysfs\_path = '/sys/devices/pci0000:00/0000:00:1f.3'  
pci.subsys\_product\_id = 4224 (0x1080)  
linux.subsystem = 'pci'  
info.vendor = 'Intel Corporation'  
info.subsystem = 'pci'  
pci.product\_id = 10302 (0x283e)  
pci.vendor = 'Intel Corporation'  
info.product = '82801H (ICH8 Family) SMBus Controller'  
linux.hotplug\_type = 2 (0x2)  
linux.sysfs\_path = '/sys/devices/pci0000:00/0000:00:1f.3'  
pci.vendor\_id = 32902 (0x8086)  
info.parent = '/org/freedesktop/Hal/devices/computer'  
info.linux.driver = 'i801\_smbus'  
pci.subsys\_vendor\_id = 5243 (0x147b)  
pci.device\_class = 12 (0xc)  
pci.device\_subclass = 5 (0x5)

66: udi = '/org/freedesktop/Hal/devices/pci\_8086\_2820\_scsi\_host\_0\_scsi\_device\_lun0'  
scsi.vendor = 'ATA'  
scsi.bus = 0 (0x0)  
info.bus = 'scsi'  
scsi.target = 0 (0x0)  
scsi.lun = 0 (0x0)  
info.udi = '/org/freedesktop/Hal/devices/pci\_8086\_2820\_scsi\_host\_0\_scsi\_device\_lun0'  
linux.subsystem = 'scsi'  
info.subsystem = 'scsi'  
info.product = 'SCSI Device'  
scsi.model = 'WDC WD800JD-00MS'  
linux.hotplug\_type = 2 (0x2)  
linux.sysfs\_path = '/sys/devices/pci0000:00/0000:00:1f.2/host1/target1:0:0/1:0:0:0'  
scsi.host = 1 (0x1)  
scsi.type = 'disk'  
info.parent = '/org/freedesktop/Hal/devices/pci\_8086\_2820\_scsi\_host\_0'  
info.linux.driver = 'sd'

67: udi = '/org/freedesktop/Hal/devices/pci\_8086\_2820\_scsi\_host\_0'  
scsi\_host.host = 1 (0x1)  
info.capabilities = { 'scsi\_host' }  
info.udi = '/org/freedesktop/Hal/devices/pci\_8086\_2820\_scsi\_host\_0'  
linux.subsystem = 'scsi\_host'  
info.product = 'SCSI Host Adapter'  
linux.hotplug\_type = 2 (0x2)  
linux.sysfs\_path = '/sys/devices/pci0000:00/0000:00:1f.2/host1'  
info.category = 'scsi\_host'  
info.parent = '/org/freedesktop/Hal/devices/pci\_8086\_2820'

68: udi = '/org/freedesktop/Hal/devices/pci\_8086\_2820\_scsi\_host\_scsi\_device\_lun0'  
scsi.vendor = 'ATA'  
scsi.bus = 0 (0x0)  
info.bus = 'scsi'  
scsi.target = 0 (0x0)  
scsi.lun = 0 (0x0)  
info.udi = '/org/freedesktop/Hal/devices/pci\_8086\_2820\_scsi\_host\_scsi\_device\_lun0'  
linux.subsystem = 'scsi'  
info.subsystem = 'scsi'  
info.product = 'SCSI Device'  
scsi.model = 'WDC WD2500KS-00M'



linux.hotplug\_type = 2 (0x2)  
linux.sysfs\_path = '/sys/devices/pci0000:00/0000:00:1f.2/host0/target0:0:0/0:0:0:0'  
scsi.host = 0 (0x0)  
scsi.type = 'disk'  
info.parent = '/org/freedesktop/Hal/devices/pci\_8086\_2820\_scsi\_host'  
info.linux.driver = 'sd'

69: udi = '/org/freedesktop/Hal/devices/pci\_8086\_2820\_scsi\_host'  
scsi\_host.host = 0 (0x0)  
info.capabilities = { 'scsi\_host' }  
info.udi = '/org/freedesktop/Hal/devices/pci\_8086\_2820\_scsi\_host'  
linux.subsystem = 'scsi\_host'  
info.product = 'SCSI Host Adapter'  
linux.hotplug\_type = 2 (0x2)  
linux.sysfs\_path = '/sys/devices/pci0000:00/0000:00:1f.2/host0'  
info.category = 'scsi\_host'  
info.parent = '/org/freedesktop/Hal/devices/pci\_8086\_2820'

70: udi = '/org/freedesktop/Hal/devices/pci\_8086\_2820'  
pci.product = '82801H (ICH8 Family) 4 port SATA IDE Controller'  
pci.subsys\_vendor = 'ABIT Computer Corp.'  
info.bus = 'pci'  
pci.device\_protocol = 143 (0x8f)  
info.udi = '/org/freedesktop/Hal/devices/pci\_8086\_2820'  
pci.linux.sysfs\_path = '/sys/devices/pci0000:00/0000:00:1f.2'  
pci.subsys\_product\_id = 4224 (0x1080)  
linux.subsystem = 'pci'  
info.vendor = 'Intel Corporation'  
info.subsystem = 'pci'  
pci.product\_id = 10272 (0x2820)  
pci.vendor = 'Intel Corporation'  
info.product = '82801H (ICH8 Family) 4 port SATA IDE Controller'  
linux.hotplug\_type = 2 (0x2)  
linux.sysfs\_path = '/sys/devices/pci0000:00/0000:00:1f.2'  
pci.vendor\_id = 32902 (0x8086)  
info.parent = '/org/freedesktop/Hal/devices/computer'  
info.linux.driver = 'ata\_piix'  
pci.subsys\_vendor\_id = 5243 (0x147b)  
pci.device\_class = 1 (0x1)  
pci.device\_subclass = 1 (0x1)

71: udi = '/org/freedesktop/Hal/devices/pci\_8086\_2810'  
pci.product = '82801HB/HR (ICH8/R) LPC Interface Controller'  
pci.subsys\_vendor = 'Intel Corporation'  
info.bus = 'pci'  
pci.device\_protocol = 0 (0x0)  
info.udi = '/org/freedesktop/Hal/devices/pci\_8086\_2810'  
pci.linux.sysfs\_path = '/sys/devices/pci0000:00/0000:00:1f.0'  
pci.subsys\_product\_id = 10256 (0x2810)  
linux.subsystem = 'pci'  
info.vendor = 'Intel Corporation'  
info.subsystem = 'pci'  
pci.product\_id = 10256 (0x2810)  
pci.vendor = 'Intel Corporation'  
info.product = '82801HB/HR (ICH8/R) LPC Interface Controller'  
linux.hotplug\_type = 2 (0x2)  
linux.sysfs\_path = '/sys/devices/pci0000:00/0000:00:1f.0'  
pci.vendor\_id = 32902 (0x8086)  
info.parent = '/org/freedesktop/Hal/devices/computer'  
pci.subsys\_vendor\_id = 32902 (0x8086)  
pci.device\_class = 6 (0x6)  
pci.device\_subclass = 1 (0x1)

72: udi = '/org/freedesktop/Hal/devices/pci\_1131\_7133'  
pci.product = 'SAA7133/SAA7135 Video Broadcast Decoder'  
pci.subsys\_vendor = 'Illegal Vendor ID'  
info.bus = 'pci'  
pci.device\_protocol = 0 (0x0)  
info.udi = '/org/freedesktop/Hal/devices/pci\_1131\_7133'  
pci.linux.sysfs\_path = '/sys/devices/pci0000:00/0000:00:1e.0/0000:02:05.0'  
pci.subsys\_product\_id = 65535 (0xffff)  
linux.subsystem = 'pci'  
info.vendor = 'Philips Semiconductors'  
info.subsystem = 'pci'  
pci.product\_id = 28979 (0x7133)  
pci.vendor = 'Philips Semiconductors'  
info.product = 'SAA7133/SAA7135 Video Broadcast Decoder'  
linux.hotplug\_type = 2 (0x2)  
linux.sysfs\_path = '/sys/devices/pci0000:00/0000:00:1e.0/0000:02:05.0'  
pci.vendor\_id = 4401 (0x1131)  
info.parent = '/org/freedesktop/Hal/devices/pci\_8086\_244e'  
info.linux.driver = 'saa7134'  
pci.subsys\_vendor\_id = 65535 (0xffff)  
pci.device\_class = 4 (0x4)  
pci.device\_subclass = 128 (0x80)

73: udi = '/org/freedesktop/Hal/devices/pci\_1283\_8211\_scsi\_host\_scsi\_device\_lun0'  
scsi.vendor = 'ATA'  
scsi.bus = 0 (0x0)  
info.bus = 'scsi'  
scsi.target = 0 (0x0)  
scsi.lun = 0 (0x0)  
info.udi = '/org/freedesktop/Hal/devices/pci\_1283\_8211\_scsi\_host\_scsi\_device\_lun0'  
linux.subsystem = 'scsi'  
info.subsystem = 'scsi'  
info.product = 'SCSI Device'  
scsi.model = 'Maxtor 6B200P0'  
linux.hotplug\_type = 2 (0x2)  
linux.sysfs\_path = '/sys/devices/pci0000:00/0000:00:1e.0/0000:02:02.0/host5/target5:0:0/5:0:0:0'  
scsi.host = 5 (0x5)  
scsi.type = 'disk'  
info.parent = '/org/freedesktop/Hal/devices/pci\_1283\_8211\_scsi\_host'  
info.linux.driver = 'sd'

74: udi = '/org/freedesktop/Hal/devices/pci\_1283\_8211\_scsi\_host'  
scsi\_host.host = 5 (0x5)  
info.capabilities = { 'scsi\_host' }  
info.udi = '/org/freedesktop/Hal/devices/pci\_1283\_8211\_scsi\_host'  
linux.subsystem = 'scsi\_host'  
info.product = 'SCSI Host Adapter'  
linux.hotplug\_type = 2 (0x2)  
linux.sysfs\_path = '/sys/devices/pci0000:00/0000:00:1e.0/0000:02:02.0/host5'  
info.category = 'scsi\_host'  
info.parent = '/org/freedesktop/Hal/devices/pci\_1283\_8211'

75: udi = '/org/freedesktop/Hal/devices/pci\_1283\_8211'  
pci.product = 'ITE 8211F Single Channel UDMA 133'  
pci.subsys\_vendor = 'Integrated Technology Express, Inc.'  
info.bus = 'pci'  
pci.device\_protocol = 0 (0x0)  
info.udi = '/org/freedesktop/Hal/devices/pci\_1283\_8211'  
pci.linux.sysfs\_path = '/sys/devices/pci0000:00/0000:00:1e.0/0000:02:02.0'  
pci.subsys\_product\_id = 33297 (0x8211)  
linux.subsystem = 'pci'  
info.vendor = 'Integrated Technology Express, Inc.'  
info.subsystem = 'pci'

pci.product\_id = 33297 (0x8211)  
pci.vendor = 'Integrated Technology Express, Inc.'  
info.product = 'ITE 8211F Single Channel UDMA 133'  
linux.hotplug\_type = 2 (0x2)  
linux.sysfs\_path = '/sys/devices/pci0000:00/0000:00:1e.0/0000:02:02.0'  
pci.vendor\_id = 4739 (0x1283)  
info.parent = '/org/freedesktop/Hal/devices/pci\_8086\_244e'  
info.linux.driver = 'pata\_it821x'  
pci.subsys\_vendor\_id = 4739 (0x1283)  
pci.device\_class = 1 (0x1)  
pci.device\_subclass = 128 (0x80)

76: udi = '/org/freedesktop/Hal/devices/pci\_10ec\_8167'  
pci.product = 'RTL-8110SC/8169SC Gigabit Ethernet'  
pci.subsys\_vendor = 'ABIT Computer Corp.'  
info.bus = 'pci'  
pci.device\_protocol = 0 (0x0)  
info.udi = '/org/freedesktop/Hal/devices/pci\_10ec\_8167'  
pci.linux.sysfs\_path = '/sys/devices/pci0000:00/0000:00:1e.0/0000:02:01.0'  
pci.subsys\_product\_id = 4224 (0x1080)  
linux.subsystem = 'pci'  
info.vendor = 'Realtek Semiconductor Co., Ltd.'  
info.subsystem = 'pci'  
pci.product\_id = 33127 (0x8167)  
pci.vendor = 'Realtek Semiconductor Co., Ltd.'  
info.product = 'RTL-8110SC/8169SC Gigabit Ethernet'  
linux.hotplug\_type = 2 (0x2)  
linux.sysfs\_path = '/sys/devices/pci0000:00/0000:00:1e.0/0000:02:01.0'  
pci.vendor\_id = 4332 (0x10ec)  
info.parent = '/org/freedesktop/Hal/devices/pci\_8086\_244e'  
info.linux.driver = 'r8169'  
pci.subsys\_vendor\_id = 5243 (0x147b)  
pci.device\_class = 2 (0x2)  
pci.device\_subclass = 0 (0x0)

77: udi = '/org/freedesktop/Hal/devices/pci\_8086\_244e'  
pci.product = '82801 PCI Bridge'  
info.bus = 'pci'  
pci.device\_protocol = 1 (0x1)  
info.udi = '/org/freedesktop/Hal/devices/pci\_8086\_244e'  
pci.linux.sysfs\_path = '/sys/devices/pci0000:00/0000:00:1e.0'  
pci.subsys\_product\_id = 0 (0x0)  
linux.subsystem = 'pci'  
info.vendor = 'Intel Corporation'  
info.subsystem = 'pci'  
pci.product\_id = 9294 (0x244e)  
pci.vendor = 'Intel Corporation'  
info.product = '82801 PCI Bridge'  
linux.hotplug\_type = 2 (0x2)  
linux.sysfs\_path = '/sys/devices/pci0000:00/0000:00:1e.0'  
pci.vendor\_id = 32902 (0x8086)  
info.parent = '/org/freedesktop/Hal/devices/computer'  
pci.subsys\_vendor\_id = 0 (0x0)  
pci.device\_class = 6 (0x6)  
pci.device\_subclass = 4 (0x4)

78: udi = '/org/freedesktop/Hal/devices/usb\_device\_0\_0\_0000\_00\_1d\_7\_if0'  
usb.version\_bcd = 512 (0x200)  
usb.is\_self\_powered = true  
usb.linux.device\_number = 1 (0x1)  
usb.product = 'USB Hub Interface'  
usb.device\_protocol = 1 (0x1)  
linux.subsystem = 'usb'

usb.device\_revision\_bcd = 518 (0x206)  
info.product = 'USB Hub Interface'  
usb.bus\_number = 2 (0x2)  
usb.interface.class = 9 (0x9)  
usb.configuration\_value = 1 (0x1)  
info.linux.driver = 'hub'  
usb.num\_interfaces = 1 (0x1)  
info.parent = '/org/freedesktop/Hal/devices/usb\_device\_0\_0\_0000\_00\_1d\_7'  
usb.interface.subclass = 0 (0x0)  
usb.num\_configurations = 1 (0x1)  
usb.device\_subclass = 0 (0x0)  
usb.version = 2.00000  
usb.vendor\_id = 0 (0x0)  
usb.vendor = 'Linux 2.6.22.5-31-default ehci\_hcd'  
info.subsystem = 'usb'  
usb.device\_class = 9 (0x9)  
usb.can\_wake\_up = true  
usb.linux.sysfs\_path = '/sys/devices/pci0000:00/0000:00:1d.7/usb2/2-0:1.0'  
usb.serial = '0000:00:1d.7'  
usb.speed = 480.000  
usb.num\_ports = 6 (0x6)  
usb.speed\_bcd = 294912 (0x48000)  
usb.max\_power = 0 (0x0)  
info.udi = '/org/freedesktop/Hal/devices/usb\_device\_0\_0\_0000\_00\_1d\_7\_if0'  
info.bus = 'usb'  
linux.hotplug\_type = 2 (0x2)  
usb.interface.number = 0 (0x0)  
linux.sysfs\_path = '/sys/devices/pci0000:00/0000:00:1d.7/usb2/2-0:1.0'  
usb.product\_id = 0 (0x0)  
usb.interface.protocol = 0 (0x0)

79: udi = '/org/freedesktop/Hal/devices/usb\_device\_0\_0\_0000\_00\_1d\_7'  
linux.subsystem = 'usb'  
info.product = 'EHCI Host Controller'  
usb\_device.device\_revision\_bcd = 518 (0x206)  
usb\_device.product = 'EHCI Host Controller'  
usb\_device.product\_id = 0 (0x0)  
usb\_device.speed = 480.000  
usb\_device.vendor = 'Linux 2.6.22.5-31-default ehci\_hcd'  
usb\_device.can\_wake\_up = true  
usb\_device.configuration\_value = 1 (0x1)  
usb\_device.linux.device\_number = 1 (0x1)  
info.linux.driver = 'usb'  
usb\_device.serial = '0000:00:1d.7'  
usb\_device.device\_class = 9 (0x9)  
info.parent = '/org/freedesktop/Hal/devices/pci\_8086\_2836'  
usb\_device.bus\_number = 2 (0x2)  
usb\_device.device\_protocol = 1 (0x1)  
usb\_device.is\_self\_powered = true  
info.subsystem = 'usb\_device'  
info.vendor = 'Linux 2.6.22.5-31-default ehci\_hcd'  
usb\_device.version = 2.00000  
usb\_device.num\_interfaces = 1 (0x1)  
usb\_device.vendor\_id = 0 (0x0)  
usb\_device.speed\_bcd = 294912 (0x48000)  
usb\_device.version\_bcd = 512 (0x200)  
info.udi = '/org/freedesktop/Hal/devices/usb\_device\_0\_0\_0000\_00\_1d\_7'  
usb\_device.linux.sysfs\_path = '/sys/devices/pci0000:00/0000:00:1d.7/usb2'  
usb\_device.num\_configurations = 1 (0x1)  
info.bus = 'usb\_device'  
linux.device\_file = '/dev/bus/usb/002/001'  
usb\_device.num\_ports = 6 (0x6)  
usb\_device.max\_power = 0 (0x0)

linux.hotplug\_type = 2 (0x2)  
usb\_device.device\_subclass = 0 (0x0)  
linux.sysfs\_path = '/sys/devices/pci0000:00/0000:00:1d.7/usb2'

80: udi = '/org/freedesktop/Hal/devices/pci\_8086\_2836'  
pci.product = '82801H (ICH8 Family) USB2 EHCI Controller #1'  
pci.subsys\_vendor = 'ABIT Computer Corp.'  
info.bus = 'pci'  
pci.device\_protocol = 32 (0x20)  
info.udi = '/org/freedesktop/Hal/devices/pci\_8086\_2836'  
pci.linux.sysfs\_path = '/sys/devices/pci0000:00/0000:00:1d.7'  
pci.subsys\_product\_id = 4224 (0x1080)  
linux.subsystem = 'pci'  
info.vendor = 'Intel Corporation'  
info.subsystem = 'pci'  
pci.product\_id = 10294 (0x2836)  
pci.vendor = 'Intel Corporation'  
info.product = '82801H (ICH8 Family) USB2 EHCI Controller #1'  
linux.hotplug\_type = 2 (0x2)  
linux.sysfs\_path = '/sys/devices/pci0000:00/0000:00:1d.7'  
pci.vendor\_id = 32902 (0x8086)  
info.parent = '/org/freedesktop/Hal/devices/computer'  
info.linux.driver = 'ehci\_hcd'  
pci.subsys\_vendor\_id = 5243 (0x147b)  
pci.device\_class = 12 (0xc)  
pci.device\_subclass = 3 (0x3)

81: udi = '/org/freedesktop/Hal/devices/usb\_device\_0\_0\_0000\_00\_1d\_2\_if0'  
usb.version\_bcd = 272 (0x110)  
usb.is\_self\_powered = true  
usb.linux.device\_number = 1 (0x1)  
usb.product = 'USB Hub Interface'  
usb.device\_protocol = 0 (0x0)  
linux.subsystem = 'usb'  
usb.device\_revision\_bcd = 518 (0x206)  
info.product = 'USB Hub Interface'  
usb.bus\_number = 7 (0x7)  
usb.interface.class = 9 (0x9)  
usb.configuration\_value = 1 (0x1)  
info.linux.driver = 'hub'  
usb.num\_interfaces = 1 (0x1)  
info.parent = '/org/freedesktop/Hal/devices/usb\_device\_0\_0\_0000\_00\_1d\_2'  
usb.interface.subclass = 0 (0x0)  
usb.num\_configurations = 1 (0x1)  
usb.device\_subclass = 0 (0x0)  
usb.version = 1.10000  
usb.vendor\_id = 0 (0x0)  
usb.vendor = 'Linux 2.6.22.5-31-default uhci\_hcd'  
info.subsystem = 'usb'  
usb.device\_class = 9 (0x9)  
usb.can\_wake\_up = true  
linux.sysfs\_path = '/sys/devices/pci0000:00/0000:00:1d.2/usb7/7-0:1.0'  
usb.serial = '0000:00:1d.2'  
usb.speed = 12.0000  
usb.num\_ports = 2 (0x2)  
usb.speed\_bcd = 4608 (0x1200)  
usb.max\_power = 0 (0x0)  
info.udi = '/org/freedesktop/Hal/devices/usb\_device\_0\_0\_0000\_00\_1d\_2\_if0'  
info.bus = 'usb'  
linux.hotplug\_type = 2 (0x2)  
usb.interface.number = 0 (0x0)  
linux.sysfs\_path = '/sys/devices/pci0000:00/0000:00:1d.2/usb7/7-0:1.0'  
usb.product\_id = 0 (0x0)

usb.interface.protocol = 0 (0x0)

82: udi = '/org/freedesktop/Hal/devices/usb\_device\_0\_0\_0000\_00\_1d\_2'  
linux.subsystem = 'usb'  
info.product = 'UHCI Host Controller'  
usb\_device.device\_revision\_bcd = 518 (0x206)  
usb\_device.product = 'UHCI Host Controller'  
usb\_device.product\_id = 0 (0x0)  
usb\_device.speed = 12.0000  
usb\_device.vendor = 'Linux 2.6.22.5-31-default uhci\_hcd'  
usb\_device.can\_wake\_up = true  
usb\_device.configuration\_value = 1 (0x1)  
usb\_device.linux.device\_number = 1 (0x1)  
info.linux.driver = 'usb'  
usb\_device.serial = '0000:00:1d.2'  
usb\_device.device\_class = 9 (0x9)  
info.parent = '/org/freedesktop/Hal/devices/pci\_8086\_2832'  
usb\_device.bus\_number = 7 (0x7)  
usb\_device.device\_protocol = 0 (0x0)  
usb\_device.is\_self\_powered = true  
info.subsystem = 'usb\_device'  
info.vendor = 'Linux 2.6.22.5-31-default uhci\_hcd'  
usb\_device.version = 1.10000  
usb\_device.num\_interfaces = 1 (0x1)  
usb\_device.vendor\_id = 0 (0x0)  
usb\_device.speed\_bcd = 4608 (0x1200)  
usb\_device.version\_bcd = 272 (0x110)  
info.udi = '/org/freedesktop/Hal/devices/usb\_device\_0\_0\_0000\_00\_1d\_2'  
usb\_device.linux.sysfs\_path = '/sys/devices/pci0000:00/0000:00:1d.2/usb7'  
usb\_device.num\_configurations = 1 (0x1)  
info.bus = 'usb\_device'  
linux.device\_file = '/dev/bus/usb/007/001'  
usb\_device.num\_ports = 2 (0x2)  
usb\_device.max\_power = 0 (0x0)  
linux.hotplug\_type = 2 (0x2)  
usb\_device.device\_subclass = 0 (0x0)  
linux.sysfs\_path = '/sys/devices/pci0000:00/0000:00:1d.2/usb7'

83: udi = '/org/freedesktop/Hal/devices/pci\_8086\_2832'  
pci.product = '82801H (ICH8 Family) USB UHCI Controller #3'  
pci.subsys\_vendor = 'ABIT Computer Corp.'  
info.bus = 'pci'  
pci.device\_protocol = 0 (0x0)  
info.udi = '/org/freedesktop/Hal/devices/pci\_8086\_2832'  
pci.linux.sysfs\_path = '/sys/devices/pci0000:00/0000:00:1d.2'  
pci.subsys\_product\_id = 4224 (0x1080)  
linux.subsystem = 'pci'  
info.vendor = 'Intel Corporation'  
info.subsystem = 'pci'  
pci.product\_id = 10290 (0x2832)  
pci.vendor = 'Intel Corporation'  
info.product = '82801H (ICH8 Family) USB UHCI Controller #3'  
linux.hotplug\_type = 2 (0x2)  
linux.sysfs\_path = '/sys/devices/pci0000:00/0000:00:1d.2'  
pci.vendor\_id = 32902 (0x8086)  
info.parent = '/org/freedesktop/Hal/devices/computer'  
info.linux.driver = 'uhci\_hcd'  
pci.subsys\_vendor\_id = 5243 (0x147b)  
pci.device\_class = 12 (0xc)  
pci.device\_subclass = 3 (0x3)

84: udi = '/org/freedesktop/Hal/devices/usb\_device\_0\_0\_0000\_00\_1d\_1\_if0'  
usb.version\_bcd = 272 (0x110)

usb.is\_self\_powered = true  
usb.linux.device\_number = 1 (0x1)  
usb.product = 'USB Hub Interface'  
usb.device\_protocol = 0 (0x0)  
linux.subsystem = 'usb'  
usb.device\_revision\_bcd = 518 (0x206)  
info.product = 'USB Hub Interface'  
usb.bus\_number = 6 (0x6)  
usb.interface.class = 9 (0x9)  
usb.configuration\_value = 1 (0x1)  
info.linux.driver = 'hub'  
usb.num\_interfaces = 1 (0x1)  
info.parent = '/org/freedesktop/Hal/devices/usb\_device\_0\_0\_0000\_00\_1d\_1'  
usb.interface.subclass = 0 (0x0)  
usb.num\_configurations = 1 (0x1)  
usb.device\_subclass = 0 (0x0)  
usb.version = 1.10000  
usb.vendor\_id = 0 (0x0)  
usb.vendor = 'Linux 2.6.22.5-31-default uhci\_hcd'  
info.subsystem = 'usb'  
usb.device\_class = 9 (0x9)  
usb.can\_wake\_up = true  
usb.linux.sysfs\_path = '/sys/devices/pci0000:00/0000:00:1d.1/usb6/6-0:1.0'  
usb.serial = '0000:00:1d.1'  
usb.speed = 12.0000  
usb.num\_ports = 2 (0x2)  
usb.speed\_bcd = 4608 (0x1200)  
usb.max\_power = 0 (0x0)  
info.udi = '/org/freedesktop/Hal/devices/usb\_device\_0\_0\_0000\_00\_1d\_1\_if0'  
info.bus = 'usb'  
linux.hotplug\_type = 2 (0x2)  
usb.interface.number = 0 (0x0)  
linux.sysfs\_path = '/sys/devices/pci0000:00/0000:00:1d.1/usb6/6-0:1.0'  
usb.product\_id = 0 (0x0)  
usb.interface.protocol = 0 (0x0)

85: udi = '/org/freedesktop/Hal/devices/usb\_device\_0\_0\_0000\_00\_1d\_1'  
linux.subsystem = 'usb'  
info.product = 'UHCI Host Controller'  
usb\_device.device\_revision\_bcd = 518 (0x206)  
usb\_device.product = 'UHCI Host Controller'  
usb\_device.product\_id = 0 (0x0)  
usb\_device.speed = 12.0000  
usb\_device.vendor = 'Linux 2.6.22.5-31-default uhci\_hcd'  
usb\_device.can\_wake\_up = true  
usb\_device.configuration\_value = 1 (0x1)  
usb\_device.linux.device\_number = 1 (0x1)  
info.linux.driver = 'usb'  
usb\_device.serial = '0000:00:1d.1'  
usb\_device.device\_class = 9 (0x9)  
info.parent = '/org/freedesktop/Hal/devices/pci\_8086\_2831'  
usb\_device.bus\_number = 6 (0x6)  
usb\_device.device\_protocol = 0 (0x0)  
usb\_device.is\_self\_powered = true  
info.subsystem = 'usb\_device'  
info.vendor = 'Linux 2.6.22.5-31-default uhci\_hcd'  
usb\_device.version = 1.10000  
usb\_device.num\_interfaces = 1 (0x1)  
usb\_device.vendor\_id = 0 (0x0)  
usb\_device.speed\_bcd = 4608 (0x1200)  
usb\_device.version\_bcd = 272 (0x110)  
info.udi = '/org/freedesktop/Hal/devices/usb\_device\_0\_0\_0000\_00\_1d\_1'  
usb\_device.linux.sysfs\_path = '/sys/devices/pci0000:00/0000:00:1d.1/usb6'

usb\_device.num\_configurations = 1 (0x1)  
info.bus = 'usb\_device'  
linux.device\_file = '/dev/bus/usb/006/001'  
usb\_device.num\_ports = 2 (0x2)  
usb\_device.max\_power = 0 (0x0)  
linux.hotplug\_type = 2 (0x2)  
usb\_device.device\_subclass = 0 (0x0)  
linux.sysfs\_path = '/sys/devices/pci0000:00/0000:00:1d.1/usb6'

86: udi = '/org/freedesktop/Hal/devices/pci\_8086\_2831'  
pci.product = '82801H (ICH8 Family) USB UHCI Controller #2'  
pci.subsys\_vendor = 'ABIT Computer Corp.'  
info.bus = 'pci'  
pci.device\_protocol = 0 (0x0)  
info.udi = '/org/freedesktop/Hal/devices/pci\_8086\_2831'  
pci.linux.sysfs\_path = '/sys/devices/pci0000:00/0000:00:1d.1'  
pci.subsys\_product\_id = 4224 (0x1080)  
linux.subsystem = 'pci'  
info.vendor = 'Intel Corporation'  
info.subsystem = 'pci'  
pci.product\_id = 10289 (0x2831)  
pci.vendor = 'Intel Corporation'  
info.product = '82801H (ICH8 Family) USB UHCI Controller #2'  
linux.hotplug\_type = 2 (0x2)  
linux.sysfs\_path = '/sys/devices/pci0000:00/0000:00:1d.1'  
pci.vendor\_id = 32902 (0x8086)  
info.parent = '/org/freedesktop/Hal/devices/computer'  
info.linux.driver = 'uhci\_hcd'  
pci.subsys\_vendor\_id = 5243 (0x147b)  
pci.device\_class = 12 (0xc)  
pci.device\_subclass = 3 (0x3)

87: udi = '/org/freedesktop/Hal/devices/usb\_device\_0\_0\_0000\_00\_1d\_0\_if0'  
usb.version\_bcd = 272 (0x110)  
usb.is\_self\_powered = true  
usb.linux.device\_number = 1 (0x1)  
usb.product = 'USB Hub Interface'  
usb.device\_protocol = 0 (0x0)  
linux.subsystem = 'usb'  
usb.device\_revision\_bcd = 518 (0x206)  
info.product = 'USB Hub Interface'  
usb.bus\_number = 5 (0x5)  
usb.interface.class = 9 (0x9)  
usb.configuration\_value = 1 (0x1)  
info.linux.driver = 'hub'  
usb.num\_interfaces = 1 (0x1)  
info.parent = '/org/freedesktop/Hal/devices/usb\_device\_0\_0\_0000\_00\_1d\_0'  
usb.interface.subclass = 0 (0x0)  
usb.num\_configurations = 1 (0x1)  
usb.device\_subclass = 0 (0x0)  
usb.version = 1.10000  
usb.vendor\_id = 0 (0x0)  
usb.vendor = 'Linux 2.6.22.5-31-default uhci\_hcd'  
info.subsystem = 'usb'  
usb.device\_class = 9 (0x9)  
usb.can\_wake\_up = true  
usb.linux.sysfs\_path = '/sys/devices/pci0000:00/0000:00:1d.0/usb5/5-0:1.0'  
usb.serial = '0000:00:1d.0'  
usb.speed = 12.0000  
usb.num\_ports = 2 (0x2)  
usb.speed\_bcd = 4608 (0x1200)  
usb.max\_power = 0 (0x0)  
info.udi = '/org/freedesktop/Hal/devices/usb\_device\_0\_0\_0000\_00\_1d\_0\_if0'



```
info.bus = 'usb'
linux.hotplug_type = 2 (0x2)
usb.interface.number = 0 (0x0)
linux.sysfs_path = '/sys/devices/pci0000:00/0000:00:1d.0/usb5/5-0:1.0'
usb.product_id = 0 (0x0)
usb.interface.protocol = 0 (0x0)

88: udi = '/org/freedesktop/Hal/devices/usb_device_0_0_0000_00_1d_0'
linux.subsystem = 'usb'
info.product = 'UHCI Host Controller'
usb_device.device_revision_bcd = 518 (0x206)
usb_device.product = 'UHCI Host Controller'
usb_device.product_id = 0 (0x0)
usb_device.speed = 12.0000
usb_device.vendor = 'Linux 2.6.22.5-31-default uhci_hcd'
usb_device.can_wake_up = true
usb_device.configuration_value = 1 (0x1)
usb_device.linux.device_number = 1 (0x1)
info.linux.driver = 'usb'
usb_device.serial = '0000:00:1d.0'
usb_device.device_class = 9 (0x9)
info.parent = '/org/freedesktop/Hal/devices/pci_8086_2830'
usb_device.bus_number = 5 (0x5)
usb_device.device_protocol = 0 (0x0)
usb_device.is_self_powered = true
info.subsystem = 'usb_device'
info.vendor = 'Linux 2.6.22.5-31-default uhci_hcd'
usb_device.version = 1.10000
usb_device.num_interfaces = 1 (0x1)
usb_device.vendor_id = 0 (0x0)
usb_device.speed_bcd = 4608 (0x1200)
usb_device.version_bcd = 272 (0x110)
info.udi = '/org/freedesktop/Hal/devices/usb_device_0_0_0000_00_1d_0'
usb_device.linux.sysfs_path = '/sys/devices/pci0000:00/0000:00:1d.0/usb5'
usb_device.num_configurations = 1 (0x1)
info.bus = 'usb_device'
linux.device_file = '/dev/bus/usb/005/001'
usb_device.num_ports = 2 (0x2)
usb_device.max_power = 0 (0x0)
linux.hotplug_type = 2 (0x2)
usb_device.device_subclass = 0 (0x0)
linux.sysfs_path = '/sys/devices/pci0000:00/0000:00:1d.0/usb5'

89: udi = '/org/freedesktop/Hal/devices/pci_8086_2830'
pci.product = '82801H (ICH8 Family) USB UHCI Controller #1'
pci.subsys_vendor = 'ABIT Computer Corp.'
info.bus = 'pci'
pci.device_protocol = 0 (0x0)
info.udi = '/org/freedesktop/Hal/devices/pci_8086_2830'
pci.linux.sysfs_path = '/sys/devices/pci0000:00/0000:00:1d.0'
pci.subsys_product_id = 4224 (0x1080)
linux.subsystem = 'pci'
info.vendor = 'Intel Corporation'
info.subsystem = 'pci'
pci.product_id = 10288 (0x2830)
pci.vendor = 'Intel Corporation'
info.product = '82801H (ICH8 Family) USB UHCI Controller #1'
linux.hotplug_type = 2 (0x2)
linux.sysfs_path = '/sys/devices/pci0000:00/0000:00:1d.0'
pci.vendor_id = 32902 (0x8086)
info.parent = '/org/freedesktop/Hal/devices/computer'
info.linux.driver = 'uhci_hcd'
pci.subsys_vendor_id = 5243 (0x147b)
```

pci.device\_class = 12 (0xc)  
pci.device\_subclass = 3 (0x3)

90: udi = '/org/freedesktop/Hal/devices/pci\_8086\_284b'  
pci.product = '82801H (ICH8 Family) HD Audio Controller'  
pci.subsys\_vendor = 'ABIT Computer Corp.'  
info.bus = 'pci'  
pci.device\_protocol = 0 (0x0)  
info.udi = '/org/freedesktop/Hal/devices/pci\_8086\_284b'  
pci.linux.sysfs\_path = '/sys/devices/pci0000:00/0000:00:1b.0'  
pci.subsys\_product\_id = 4224 (0x1080)  
linux.subsystem = 'pci'  
info.vendor = 'Intel Corporation'  
info.subsystem = 'pci'  
pci.product\_id = 10315 (0x284b)  
pci.vendor = 'Intel Corporation'  
info.product = '82801H (ICH8 Family) HD Audio Controller'  
linux.hotplug\_type = 2 (0x2)  
linux.sysfs\_path = '/sys/devices/pci0000:00/0000:00:1b.0'  
pci.vendor\_id = 32902 (0x8086)  
info.parent = '/org/freedesktop/Hal/devices/computer'  
info.linux.driver = 'HDA Intel'  
pci.subsys\_vendor\_id = 5243 (0x147b)  
pci.device\_class = 4 (0x4)  
pci.device\_subclass = 3 (0x3)

91: udi = '/org/freedesktop/Hal/devices/usb\_device\_0\_0\_0000\_00\_1a\_7\_if0'  
usb.version\_bcd = 512 (0x200)  
usb.is\_self\_powered = true  
usb.linux.device\_number = 1 (0x1)  
usb.product = 'USB Hub Interface'  
usb.device\_protocol = 1 (0x1)  
linux.subsystem = 'usb'  
usb.device\_revision\_bcd = 518 (0x206)  
info.product = 'USB Hub Interface'  
usb.bus\_number = 1 (0x1)  
usb.interface.class = 9 (0x9)  
usb.configuration\_value = 1 (0x1)  
info.linux.driver = 'hub'  
usb.num\_interfaces = 1 (0x1)  
info.parent = '/org/freedesktop/Hal/devices/usb\_device\_0\_0\_0000\_00\_1a\_7'  
usb.interface.subclass = 0 (0x0)  
usb.num\_configurations = 1 (0x1)  
usb.device\_subclass = 0 (0x0)  
usb.version = 2.00000  
usb.vendor\_id = 0 (0x0)  
usb.vendor = 'Linux 2.6.22.5-31-default ehci\_hcd'  
info.subsystem = 'usb'  
usb.device\_class = 9 (0x9)  
usb.can\_wake\_up = true  
usb.linux.sysfs\_path = '/sys/devices/pci0000:00/0000:00:1a.7/usb1/1-0:1.0'  
usb.serial = '0000:00:1a.7'  
usb.speed = 480.000  
usb.num\_ports = 4 (0x4)  
usb.speed\_bcd = 294912 (0x48000)  
usb.max\_power = 0 (0x0)  
info.udi = '/org/freedesktop/Hal/devices/usb\_device\_0\_0\_0000\_00\_1a\_7\_if0'  
info.bus = 'usb'  
linux.hotplug\_type = 2 (0x2)  
usb.interface.number = 0 (0x0)  
linux.sysfs\_path = '/sys/devices/pci0000:00/0000:00:1a.7/usb1/1-0:1.0'  
usb.product\_id = 0 (0x0)  
usb.interface.protocol = 0 (0x0)

92: udi = '/org/freedesktop/Hal/devices/usb\_device\_0\_0\_0000\_00\_1a\_7'  
linux.subsystem = 'usb'  
info.product = 'EHCI Host Controller'  
usb\_device.device\_revision\_bcd = 518 (0x206)  
usb\_device.product = 'EHCI Host Controller'  
usb\_device.product\_id = 0 (0x0)  
usb\_device.speed = 480.000  
usb\_device.vendor = 'Linux 2.6.22.5-31-default ehci\_hcd'  
usb\_device.can\_wake\_up = true  
usb\_device.configuration\_value = 1 (0x1)  
usb\_device.linux.device\_number = 1 (0x1)  
info.linux.driver = 'usb'  
usb\_device.serial = '0000:00:1a.7'  
usb\_device.device\_class = 9 (0x9)  
info.parent = '/org/freedesktop/Hal/devices/pci\_8086\_283a'  
usb\_device.bus\_number = 1 (0x1)  
usb\_device.device\_protocol = 1 (0x1)  
usb\_device.is\_self\_powered = true  
info.subsystem = 'usb\_device'  
info.vendor = 'Linux 2.6.22.5-31-default ehci\_hcd'  
usb\_device.version = 2.00000  
usb\_device.num\_interfaces = 1 (0x1)  
usb\_device.vendor\_id = 0 (0x0)  
usb\_device.speed\_bcd = 294912 (0x48000)  
usb\_device.version\_bcd = 512 (0x200)  
info.udi = '/org/freedesktop/Hal/devices/usb\_device\_0\_0\_0000\_00\_1a\_7'  
usb\_device.linux.sysfs\_path = '/sys/devices/pci0000:00/0000:00:1a.7/usb1'  
usb\_device.num\_configurations = 1 (0x1)  
info.bus = 'usb\_device'  
linux.device\_file = '/dev/bus/usb/001/001'  
usb\_device.num\_ports = 4 (0x4)  
usb\_device.max\_power = 0 (0x0)  
linux.hotplug\_type = 2 (0x2)  
usb\_device.device\_subclass = 0 (0x0)  
linux.sysfs\_path = '/sys/devices/pci0000:00/0000:00:1a.7/usb1'

93: udi = '/org/freedesktop/Hal/devices/pci\_8086\_283a'  
pci.product = '82801H (ICH8 Family) USB2 EHCI Controller #2'  
pci.subsys\_vendor = 'ABIT Computer Corp.'  
info.bus = 'pci'  
pci.device\_protocol = 32 (0x20)  
info.udi = '/org/freedesktop/Hal/devices/pci\_8086\_283a'  
pci.linux.sysfs\_path = '/sys/devices/pci0000:00/0000:00:1a.7'  
pci.subsys\_product\_id = 4224 (0x1080)  
linux.subsystem = 'pci'  
info.vendor = 'Intel Corporation'  
info.subsystem = 'pci'  
pci.product\_id = 10298 (0x283a)  
pci.vendor = 'Intel Corporation'  
info.product = '82801H (ICH8 Family) USB2 EHCI Controller #2'  
linux.hotplug\_type = 2 (0x2)  
linux.sysfs\_path = '/sys/devices/pci0000:00/0000:00:1a.7'  
pci.vendor\_id = 32902 (0x8086)  
info.parent = '/org/freedesktop/Hal/devices/computer'  
info.linux.driver = 'ehci\_hcd'  
pci.subsys\_vendor\_id = 5243 (0x147b)  
pci.device\_class = 12 (0xc)  
pci.device\_subclass = 3 (0x3)

94: udi = '/org/freedesktop/Hal/devices/usb\_device\_0\_0\_0000\_00\_1a\_1\_if0'  
usb.version\_bcd = 272 (0x110)  
usb.is\_self\_powered = true

usb.linux.device\_number = 1 (0x1)  
usb.product = 'USB Hub Interface'  
usb.device\_protocol = 0 (0x0)  
linux.subsystem = 'usb'  
usb.device\_revision\_bcd = 518 (0x206)  
info.product = 'USB Hub Interface'  
usb.bus\_number = 4 (0x4)  
usb.interface.class = 9 (0x9)  
usb.configuration\_value = 1 (0x1)  
info.linux.driver = 'hub'  
usb.num\_interfaces = 1 (0x1)  
info.parent = '/org/freedesktop/Hal/devices/usb\_device\_0\_0\_0000\_00\_1a\_1'  
usb.interface.subclass = 0 (0x0)  
usb.num\_configurations = 1 (0x1)  
usb.device\_subclass = 0 (0x0)  
usb.version = 1.10000  
usb.vendor\_id = 0 (0x0)  
usb.vendor = 'Linux 2.6.22.5-31-default uhci\_hcd'  
info.subsystem = 'usb'  
usb.device\_class = 9 (0x9)  
usb.can\_wake\_up = true  
usb.linux.sysfs\_path = '/sys/devices/pci0000:00/0000:00:1a.1/usb4/4-0:1.0'  
usb.serial = '0000:00:1a.1'  
usb.speed = 12.0000  
usb.num\_ports = 2 (0x2)  
usb.speed\_bcd = 4608 (0x1200)  
usb.max\_power = 0 (0x0)  
info.udi = '/org/freedesktop/Hal/devices/usb\_device\_0\_0\_0000\_00\_1a\_1\_if0'  
info.bus = 'usb'  
linux.hotplug\_type = 2 (0x2)  
usb.interface.number = 0 (0x0)  
linux.sysfs\_path = '/sys/devices/pci0000:00/0000:00:1a.1/usb4/4-0:1.0'  
usb.product\_id = 0 (0x0)  
usb.interface.protocol = 0 (0x0)

95: udi = '/org/freedesktop/Hal/devices/usb\_device\_0\_0\_0000\_00\_1a\_1'  
linux.subsystem = 'usb'  
info.product = 'UHCI Host Controller'  
usb\_device.device\_revision\_bcd = 518 (0x206)  
usb\_device.product = 'UHCI Host Controller'  
usb\_device.product\_id = 0 (0x0)  
usb\_device.speed = 12.0000  
usb\_device.vendor = 'Linux 2.6.22.5-31-default uhci\_hcd'  
usb\_device.can\_wake\_up = true  
usb\_device.configuration\_value = 1 (0x1)  
usb\_device.linux.device\_number = 1 (0x1)  
info.linux.driver = 'usb'  
usb\_device.serial = '0000:00:1a.1'  
usb\_device.device\_class = 9 (0x9)  
info.parent = '/org/freedesktop/Hal/devices/pci\_8086\_2835'  
usb\_device.bus\_number = 4 (0x4)  
usb\_device.device\_protocol = 0 (0x0)  
usb\_device.is\_self\_powered = true  
info.subsystem = 'usb\_device'  
info.vendor = 'Linux 2.6.22.5-31-default uhci\_hcd'  
usb\_device.version = 1.10000  
usb\_device.num\_interfaces = 1 (0x1)  
usb\_device.vendor\_id = 0 (0x0)  
usb\_device.speed\_bcd = 4608 (0x1200)  
usb\_device.version\_bcd = 272 (0x110)  
info.udi = '/org/freedesktop/Hal/devices/usb\_device\_0\_0\_0000\_00\_1a\_1'  
usb\_device.linux.sysfs\_path = '/sys/devices/pci0000:00/0000:00:1a.1/usb4'  
usb\_device.num\_configurations = 1 (0x1)

info.bus = 'usb\_device'  
linux.device\_file = '/dev/bus/usb/004/001'  
usb\_device.num\_ports = 2 (0x2)  
usb\_device.max\_power = 0 (0x0)  
linux.hotplug\_type = 2 (0x2)  
usb\_device.device\_subclass = 0 (0x0)  
linux.sysfs\_path = '/sys/devices/pci0000:00/0000:00:1a.1/usb4'

96: udi = '/org/freedesktop/Hal/devices/pci\_8086\_2835'  
pci.product = '82801H (ICH8 Family) USB UHCI Controller #5'  
pci.subsys\_vendor = 'ABIT Computer Corp.'  
info.bus = 'pci'  
pci.device\_protocol = 0 (0x0)  
info.udi = '/org/freedesktop/Hal/devices/pci\_8086\_2835'  
pci.linux.sysfs\_path = '/sys/devices/pci0000:00/0000:00:1a.1'  
pci.subsys\_product\_id = 4224 (0x1080)  
linux.subsystem = 'pci'  
info.vendor = 'Intel Corporation'  
info.subsystem = 'pci'  
pci.product\_id = 10293 (0x2835)  
pci.vendor = 'Intel Corporation'  
info.product = '82801H (ICH8 Family) USB UHCI Controller #5'  
linux.hotplug\_type = 2 (0x2)  
linux.sysfs\_path = '/sys/devices/pci0000:00/0000:00:1a.1'  
pci.vendor\_id = 32902 (0x8086)  
info.parent = '/org/freedesktop/Hal/devices/computer'  
info.linux.driver = 'uhci\_hcd'  
pci.subsys\_vendor\_id = 5243 (0x147b)  
pci.device\_class = 12 (0xc)  
pci.device\_subclass = 3 (0x3)

97: udi = '/org/freedesktop/Hal/devices/usb\_device\_0\_0\_0000\_00\_1a\_0\_if0'  
usb.version\_bcd = 272 (0x110)  
usb.is\_self\_powered = true  
usb.linux.device\_number = 1 (0x1)  
usb.product = 'USB Hub Interface'  
usb.device\_protocol = 0 (0x0)  
linux.subsystem = 'usb'  
usb.device\_revision\_bcd = 518 (0x206)  
info.product = 'USB Hub Interface'  
usb.bus\_number = 3 (0x3)  
usb.interface.class = 9 (0x9)  
usb.configuration\_value = 1 (0x1)  
info.linux.driver = 'hub'  
usb.num\_interfaces = 1 (0x1)  
info.parent = '/org/freedesktop/Hal/devices/usb\_device\_0\_0\_0000\_00\_1a\_0'  
usb.interface.subclass = 0 (0x0)  
usb.num\_configurations = 1 (0x1)  
usb.device\_subclass = 0 (0x0)  
usb.version = 1.10000  
usb.vendor\_id = 0 (0x0)  
usb.vendor = 'Linux 2.6.22.5-31-default uhci\_hcd'  
info.subsystem = 'usb'  
usb.device\_class = 9 (0x9)  
usb.can\_wake\_up = true  
usb.linux.sysfs\_path = '/sys/devices/pci0000:00/0000:00:1a.0/usb3/3-0:1.0'  
usb.serial = '0000:00:1a.0'  
usb.speed = 12.0000  
usb.num\_ports = 2 (0x2)  
usb.speed\_bcd = 4608 (0x1200)  
usb.max\_power = 0 (0x0)  
info.udi = '/org/freedesktop/Hal/devices/usb\_device\_0\_0\_0000\_00\_1a\_0\_if0'  
info.bus = 'usb'

linux.hotplug\_type = 2 (0x2)  
usb.interface.number = 0 (0x0)  
linux.sysfs\_path = '/sys/devices/pci0000:00/0000:00:1a.0/usb3/3-0:1.0'  
usb.product\_id = 0 (0x0)  
usb.interface.protocol = 0 (0x0)

98: udi = '/org/freedesktop/Hal/devices/usb\_device\_0\_0\_0000\_00\_1a\_0'  
linux.subsystem = 'usb'  
info.product = 'UHCI Host Controller'  
usb\_device.device\_revision\_bcd = 518 (0x206)  
usb\_device.product = 'UHCI Host Controller'  
usb\_device.product\_id = 0 (0x0)  
usb\_device.speed = 12.0000  
usb\_device.vendor = 'Linux 2.6.22.5-31-default uhci\_hcd'  
usb\_device.can\_wake\_up = true  
usb\_device.configuration\_value = 1 (0x1)  
usb\_device.linux.device\_number = 1 (0x1)  
info.linux.driver = 'usb'  
usb\_device.serial = '0000:00:1a.0'  
usb\_device.device\_class = 9 (0x9)  
info.parent = '/org/freedesktop/Hal/devices/pci\_8086\_2834'  
usb\_device.bus\_number = 3 (0x3)  
usb\_device.device\_protocol = 0 (0x0)  
usb\_device.is\_self\_powered = true  
info.subsystem = 'usb\_device'  
info.vendor = 'Linux 2.6.22.5-31-default uhci\_hcd'  
usb\_device.version = 1.10000  
usb\_device.num\_interfaces = 1 (0x1)  
usb\_device.vendor\_id = 0 (0x0)  
usb\_device.speed\_bcd = 4608 (0x1200)  
usb\_device.version\_bcd = 272 (0x110)  
info.udi = '/org/freedesktop/Hal/devices/usb\_device\_0\_0\_0000\_00\_1a\_0'  
usb\_device.linux.sysfs\_path = '/sys/devices/pci0000:00/0000:00:1a.0/usb3'  
usb\_device.num\_configurations = 1 (0x1)  
info.bus = 'usb\_device'  
linux.device\_file = '/dev/bus/usb/003/001'  
usb\_device.num\_ports = 2 (0x2)  
usb\_device.max\_power = 0 (0x0)  
linux.hotplug\_type = 2 (0x2)  
usb\_device.device\_subclass = 0 (0x0)  
linux.sysfs\_path = '/sys/devices/pci0000:00/0000:00:1a.0/usb3'

99: udi = '/org/freedesktop/Hal/devices/pci\_8086\_2834'  
pci.product = '82801H (ICH8 Family) USB UHCI Contoller #4'  
pci.subsys\_vendor = 'ABIT Computer Corp.'  
info.bus = 'pci'  
pci.device\_protocol = 0 (0x0)  
info.udi = '/org/freedesktop/Hal/devices/pci\_8086\_2834'  
pci.linux.sysfs\_path = '/sys/devices/pci0000:00/0000:00:1a.0'  
pci.subsys\_product\_id = 4224 (0x1080)  
linux.subsystem = 'pci'  
info.vendor = 'Intel Corporation'  
info.subsystem = 'pci'  
pci.product\_id = 10292 (0x2834)  
pci.vendor = 'Intel Corporation'  
info.product = '82801H (ICH8 Family) USB UHCI Contoller #4'  
linux.hotplug\_type = 2 (0x2)  
linux.sysfs\_path = '/sys/devices/pci0000:00/0000:00:1a.0'  
pci.vendor\_id = 32902 (0x8086)  
info.parent = '/org/freedesktop/Hal/devices/computer'  
info.linux.driver = 'uhci\_hcd'  
pci.subsys\_vendor\_id = 5243 (0x147b)  
pci.device\_class = 12 (0xc)

pci.device\_subclass = 3 (0x3)

100: udi = '/org/freedesktop/Hal/devices/pci\_10de\_393'  
pci.product = 'G70 [GeForce 7300 GT]'  
pci.subsys\_vendor = 'ASUSTeK Computer Inc.'  
info.bus = 'pci'  
pci.device\_protocol = 0 (0x0)  
info.udi = '/org/freedesktop/Hal/devices/pci\_10de\_393'  
pci.linux.sysfs\_path = '/sys/devices/pci0000:00/0000:00:01.0/0000:01:00.0'  
pci.subsys\_product\_id = 33323 (0x822b)  
linux.subsystem = 'pci'  
info.vendor = 'nVidia Corporation'  
info.subsystem = 'pci'  
pci.product\_id = 915 (0x393)  
pci.vendor = 'nVidia Corporation'  
info.product = 'G70 [GeForce 7300 GT]'  
linux.hotplug\_type = 2 (0x2)  
linux.sysfs\_path = '/sys/devices/pci0000:00/0000:00:01.0/0000:01:00.0'  
pci.vendor\_id = 4318 (0x10de)  
info.parent = '/org/freedesktop/Hal/devices/pci\_8086\_29a1'  
pci.subsys\_vendor\_id = 4163 (0x1043)  
pci.device\_class = 3 (0x3)  
pci.device\_subclass = 0 (0x0)

101: udi = '/org/freedesktop/Hal/devices/pci\_8086\_29a1'  
pci.product = '82P965/G965 PCI Express Root Port'  
info.bus = 'pci'  
pci.device\_protocol = 0 (0x0)  
info.udi = '/org/freedesktop/Hal/devices/pci\_8086\_29a1'  
pci.linux.sysfs\_path = '/sys/devices/pci0000:00/0000:00:01.0'  
pci.subsys\_product\_id = 0 (0x0)  
linux.subsystem = 'pci'  
info.vendor = 'Intel Corporation'  
info.subsystem = 'pci'  
pci.product\_id = 10657 (0x29a1)  
pci.vendor = 'Intel Corporation'  
info.product = '82P965/G965 PCI Express Root Port'  
linux.hotplug\_type = 2 (0x2)  
linux.sysfs\_path = '/sys/devices/pci0000:00/0000:00:01.0'  
pci.vendor\_id = 32902 (0x8086)  
info.parent = '/org/freedesktop/Hal/devices/computer'  
info.linux.driver = 'pcieport-driver'  
pci.subsys\_vendor\_id = 0 (0x0)  
pci.device\_class = 6 (0x6)  
pci.device\_subclass = 4 (0x4)

102: udi = '/org/freedesktop/Hal/devices/pci\_8086\_29a0'  
pci.product = '82P965/G965 Memory Controller Hub'  
pci.subsys\_vendor = 'ABIT Computer Corp.'  
info.bus = 'pci'  
pci.device\_protocol = 0 (0x0)  
info.udi = '/org/freedesktop/Hal/devices/pci\_8086\_29a0'  
pci.linux.sysfs\_path = '/sys/devices/pci0000:00/0000:00:00.0'  
pci.subsys\_product\_id = 4224 (0x1080)  
linux.subsystem = 'pci'  
info.vendor = 'Intel Corporation'  
info.subsystem = 'pci'  
pci.product\_id = 10656 (0x29a0)  
pci.vendor = 'Intel Corporation'  
info.product = '82P965/G965 Memory Controller Hub'  
linux.hotplug\_type = 2 (0x2)  
linux.sysfs\_path = '/sys/devices/pci0000:00/0000:00:00.0'  
pci.vendor\_id = 32902 (0x8086)

```

info.parent = '/org/freedesktop/Hal/devices/computer'
pci.subsys_vendor_id = 5243 (0x147b)
pci.device_class = 6 (0x6)
pci.device_subclass = 0 (0x0)
---- hal device list end ----
>> floppy.1: get nvram
>> floppy.2: klog info
>> bios.1: cmdline
>> bios.1.1: apm
>> bios.2: ram
/dev/mem[0x400, 256]: mmap(, 4096,, 0x0) ok
/dev/mem[0xc0000, 262144]: mmap(, 262144,, 0xc0000) ok
  bios: 3 disks
  bios: 636k low mem
/dev/mem[0x9f400, 1]: mmap(, 4096,, 0x9f000) ok
/dev/mem[0x9f400, 2048]: mmap(, 4096,, 0x9f000) ok
  bios: EBDA 0x00800 bytes at 0x9f400
>> bios.2: rom
---- SMBIOS Entry Point 0xf0be0 - 0xf0bfe ----
f0be0 5f 53 4d 5f 13 1f 02 04 6a 00 00 00 00 00 00 00 " _SM_...j....."
f0bf0 5f 44 4d 49 5f 78 96 04 00 00 0f 00 23 00 24 " _DMI_x.....#.$"
---- SMBIOS Entry Point end ----
/dev/mem[0xf0000, 1174]: mmap(, 4096,, 0xf0000) ok
---- SMBIOS Structure Table 0xf0000 - 0xf0495 ----
f0000 00 18 00 00 01 02 00 e0 03 07 90 9e cb 7f 00 00 "....."
f0010 00 00 33 05 ff ff ff ff 50 68 6f 65 6e 69 78 20 "...3.....Phoenix "
f0020 54 65 63 68 6e 6f 6c 6f 67 69 65 73 2c 20 4c 54 "Technologies, LT"
f0030 44 00 36 2e 30 30 20 50 47 00 30 38 2f 31 36 2f "D.6.00 PG.08/16/"
f0040 32 30 30 37 00 00 01 1b 01 00 01 02 03 04 00 00 "2007....."
f0050 00 00 00 00 00 00 00 00 00 50 8d b2 11 c4 06 05 ".....P....."
f0060 06 53 79 73 74 65 6d 20 4d 61 6e 75 66 61 63 74 ".System Manufact"
f0070 65 72 00 53 79 73 74 65 6d 20 50 72 6f 64 75 63 "er.System Produc"
f0080 74 20 4e 61 6d 65 00 53 79 73 74 65 6d 20 56 65 "t Name.System Ve"
f0090 72 73 69 6f 6e 00 53 79 73 74 65 6d 20 53 65 72 "rsion.System Ser"
f00a0 69 61 6c 20 4e 75 6d 62 65 72 00 20 00 20 00 00 "ial Number. ..."
f00b0 02 08 02 00 01 02 03 04 68 74 74 70 3a 2f 2f 77 ".....http://w"
f00c0 77 77 2e 61 62 69 74 2e 63 6f 6d 2e 74 77 2f 00 "ww.abit.com.tw/."
f00d0 49 42 39 20 20 20 20 20 28 49 6e 74 65 6c 20 50 "IB9 (Intel P"
f00e0 39 36 35 2d 49 43 48 38 29 00 31 2e 30 20 20 00 "965-ICH8).1.0 ."
f00f0 20 00 00 03 11 03 00 01 03 00 00 00 02 02 02 02 "....."
f0100 00 00 00 00 53 79 73 74 65 6d 20 45 6e 63 6c 6f "...System Enclo"
f0110 73 75 72 65 20 4d 61 6e 75 66 61 63 74 65 72 00 "sure Manufacturer."
f0120 20 00 20 00 20 00 00 04 23 04 00 01 03 01 02 f2 " . . . . # ....."
f0130 06 00 00 ff fb eb bf 03 8d c8 00 a0 0f 08 07 41 ".....A"
f0140 04 0a 00 0b 00 ff ff 04 05 06 53 6f 63 6b 65 74 ".....Socket"
f0150 20 37 37 35 00 49 6e 74 65 6c 00 47 65 6e 75 69 " 775.Intel.Genui"
f0160 6e 65 20 49 6e 74 65 6c 28 52 29 00 20 00 20 00 "ne Intel(R). . ."
f0170 20 00 00 05 18 05 00 04 04 03 03 0b 01 00 00 01 "....."
f0180 02 04 06 00 07 00 08 00 09 00 04 00 00 06 0c 06 "....."
f0190 00 01 01 00 00 01 8a 8a 00 41 30 00 00 06 0c 07 ".....A0....."
f01a0 00 01 ff 00 02 00 7f 7f 00 41 31 00 00 06 0c 08 ".....A1....."
f01b0 00 01 45 00 00 01 8a 8a 00 41 32 00 00 06 0c 09 "..E.....A2....."
f01c0 00 01 ff 00 02 00 7f 7f 00 41 33 00 00 07 13 0a ".....A3....."
f01d0 00 01 80 01 20 00 20 00 20 00 20 00 00 02 02 02 "....."
f01e0 49 6e 74 65 72 6e 61 6c 20 43 61 63 68 65 00 00 "Internal Cache.."
f01f0 07 13 0b 00 01 a1 01 00 00 00 00 20 00 20 00 00 "....."
f0200 02 02 02 45 78 74 65 72 6e 61 6c 20 43 61 63 68 "...External Cach"
f0210 65 00 00 08 09 0c 00 01 16 00 00 ff 50 52 49 4d "e.....PRIM"
f0220 41 52 59 20 49 44 45 00 08 09 0d 00 01 16 00 "ARY IDE....."
f0230 00 ff 53 45 43 4f 4e 44 41 52 59 20 49 44 45 00 "..SECONDARY IDE."
f0240 00 08 09 0e 00 01 17 00 00 a1 46 44 44 00 00 08 ".....FDD..."
f0250 09 0f 00 01 18 02 08 07 43 4f 4d 31 00 20 00 00 ".....COM1. . ."
f0260 08 09 10 00 01 0f 02 0f 0d 4b 65 79 62 6f 61 72 ".....Keyboar"

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f0270 64 00 20 00 00 08 09 11 00 01 0f 02 0f 0e 50 53 "d. ....PS"  
f0280 2f 32 20 4d 6f 75 73 65 00 20 00 00 08 09 12 00 "/2 Mouse. ...."  
f0290 00 00 01 ff 10 55 53 42 30 00 00 08 09 13 00 00 "....USB0....."  
f02a0 00 01 ff 10 55 53 42 31 00 00 09 0d 14 00 01 06 "....USB1....."  
f02b0 05 04 04 01 00 02 01 50 43 49 31 00 00 09 0d 15 ".....PCI1....."  
f02c0 00 01 06 05 03 04 02 00 02 01 50 43 49 32 00 00 ".....PCI2.."  
f02d0 0d 16 16 00 03 00 00 00 00 00 00 00 00 00 00 "....."  
f02e0 00 00 00 00 00 01 6e 7c 55 53 7c 69 73 6f 38 38 ".....n|US|iso88"  
f02f0 35 39 2d 31 00 6e 7c 55 53 7c 69 73 6f 38 38 35 "59-1.n|US|iso885"  
f0300 39 2d 31 00 61 7c 4a 50 7c 75 6e 69 63 6f 64 65 00 "9-1.r|CA|iso8859"  
f0310 2d 31 00 61 7c 4a 50 7c 75 6e 69 63 6f 64 65 00 "-1.a|JP|unicode."  
f0320 00 10 0f 17 00 03 03 03 00 00 40 00 fe ff 04 00 ".....@....."  
f0330 00 00 11 1b 18 00 17 00 fe ff 40 00 40 00 00 04 ".....@.@..."  
f0340 09 00 01 02 02 80 00 20 50 00 00 00 00 41 30 00 "..... P....A0."  
f0350 42 61 6e 6b 30 2f 31 00 4e 6f 6e 65 00 4e 6f 6e "Bank0/1.None.Non"  
f0360 65 00 4e 6f 6e 65 00 4e 6f 6e 65 00 00 11 1b 19 "e.None.None....."  
f0370 00 17 00 fe ff ff ff ff ff 00 00 09 00 01 02 02 "....."  
f0380 04 00 00 00 00 00 00 00 41 31 00 42 61 6e 6b 32 ".....A1.Bank2"  
f0390 2f 33 00 4e 6f 6e 65 00 4e 6f 6e 65 00 4e 6f 6e "/3.None.None.Non"  
f03a0 65 00 4e 6f 6e 65 00 00 11 1b 1a 00 17 00 fe ff "e.None....."  
f03b0 40 00 40 00 00 04 09 00 01 02 02 80 00 20 50 00 "@.@..... P."  
f03c0 00 00 00 41 32 00 42 61 6e 6b 34 2f 35 00 4e 6f "...A2.Bank4/5.No"  
f03d0 6e 65 00 4e 6f 6e 65 00 4e 6f 6e 65 00 4e 6f 6e "ne.None.None.Non"  
f03e0 65 00 00 11 1b 1b 00 17 00 fe ff ff ff ff ff 00 "e....."  
f03f0 00 09 00 01 02 02 04 00 00 00 00 00 00 00 41 33 ".....A3"  
f0400 00 42 61 6e 6b 36 2f 37 00 4e 6f 6e 65 00 4e 6f ".Bank6/7.None.No"  
f0410 6e 65 00 4e 6f 6e 65 00 4e 6f 6e 65 00 00 13 0f "ne.None.None...."  
f0420 1c 00 00 00 00 00 ff ff 1f 00 17 00 01 00 00 14 "....."  
f0430 13 1d 00 00 00 00 ff ff 0f 00 18 00 1c 00 01 "....."  
f0440 00 00 00 00 14 13 1e 00 00 00 00 00 00 00 00 "....."  
f0450 19 00 1c 00 01 00 00 00 14 13 1f 00 00 00 10 "....."  
f0460 00 ff ff 1f 00 1a 00 1c 00 01 00 00 00 00 14 13 "....."  
f0470 20 00 00 00 00 00 00 00 1b 00 1c 00 01 00 "....."  
f0480 00 00 00 20 0b 21 00 00 00 00 00 00 00 00 "....!....."  
f0490 7f 04 22 00 00 00 "....."

----- SMBIOS Structure Table end -----

type 0x00 [0x0000]: 00 18 00 00 01 02 00 e0 03 07 90 9e cb 7f 00 00 00 00 33 05 ff ff ff ff  
str1: "Phoenix Technologies, LTD"  
str2: "6.00 PG"  
str3: "08/16/2007"  
type 0x01 [0x0001]: 01 1b 01 00 01 02 03 04 00 00 00 00 00 00 00 00 50 8d b2 11 c4 06 05 06  
str1: "System Manufacturer"  
str2: "System Product Name"  
str3: "System Version"  
str4: "System Serial Number"  
type 0x02 [0x0002]: 02 08 02 00 01 02 03 04  
str1: "http://www.abit.com.tw/"  
str2: "IB9 (Intel P965-ICH8)"  
str3: "1.0"  
type 0x03 [0x0003]: 03 11 03 00 01 03 00 00 00 02 02 02 02 00 00 00 00  
str1: "System Enclosure Manufacturer"  
type 0x04 [0x0004]: 04 23 04 00 01 03 01 02 f2 06 00 00 ff fb eb bf 03 8d c8 00 a0 0f 08 07 41 04 0a 00 0b 00 ff ff 04  
05 06  
str1: "Socket 775"  
str2: "Intel"  
str3: "Genuine Intel(R)"  
type 0x05 [0x0005]: 05 18 05 00 04 04 03 03 0b 01 00 00 01 02 04 06 00 07 00 08 00 09 00 04  
type 0x06 [0x0006]: 06 0c 06 00 01 01 00 00 01 8a 8a 00  
str1: "A0"  
type 0x06 [0x0007]: 06 0c 07 00 01 ff 00 02 00 7f 7f 00  
str1: "A1"  
type 0x06 [0x0008]: 06 0c 08 00 01 45 00 00 01 8a 8a 00  
str1: "A2"

type 0x06 [0x0009]: 06 0c 09 00 01 ff 00 02 00 7f 7f 00  
str1: "A3"  
type 0x07 [0x000a]: 07 13 0a 00 01 80 01 20 00 20 00 20 00 00 02 02 02  
str1: "Internal Cache"  
type 0x07 [0x000b]: 07 13 0b 00 01 a1 01 00 00 00 00 20 00 20 00 00 02 02 02  
str1: "External Cache"  
type 0x08 [0x000c]: 08 09 0c 00 01 16 00 00 ff  
str1: "PRIMARY IDE"  
type 0x08 [0x000d]: 08 09 0d 00 01 16 00 00 ff  
str1: "SECONDARY IDE"  
type 0x08 [0x000e]: 08 09 0e 00 01 17 00 00 a1  
str1: "FDD"  
type 0x08 [0x000f]: 08 09 0f 00 01 18 02 08 07  
str1: "COM1"  
type 0x08 [0x0010]: 08 09 10 00 01 0f 02 0f 0d  
str1: "Keyboard"  
type 0x08 [0x0011]: 08 09 11 00 01 0f 02 0f 0e  
str1: "PS/2 Mouse"  
type 0x08 [0x0012]: 08 09 12 00 00 00 01 ff 10  
str1: "USB0"  
type 0x08 [0x0013]: 08 09 13 00 00 00 01 ff 10  
str1: "USB1"  
type 0x09 [0x0014]: 09 0d 14 00 01 06 05 04 04 01 00 02 01  
str1: "PCI1"  
type 0x09 [0x0015]: 09 0d 15 00 01 06 05 03 04 02 00 02 01  
str1: "PCI2"  
type 0x0d [0x0016]: 0d 16 16 00 03 00 00 00 00 00 00 00 00 00 00 00 00 00 01  
str1: "n|US|iso8859-1"  
str2: "n|US|iso8859-1"  
str3: "r|CA|iso8859-1"  
str4: "a|JP|unicode"  
type 0x10 [0x0017]: 10 0f 17 00 03 03 03 00 00 40 00 fe ff 04 00  
type 0x11 [0x0018]: 11 1b 18 00 17 00 fe ff 40 00 40 00 00 04 09 00 01 02 02 80 00 20 50 00 00 00 00  
str1: "A0"  
str2: "Bank0/1"  
str3: "None"  
str4: "None"  
str5: "None"  
str6: "None"  
type 0x11 [0x0019]: 11 1b 19 00 17 00 fe ff ff ff ff 00 00 09 00 01 02 02 04 00 00 00 00 00 00 00  
str1: "A1"  
str2: "Bank2/3"  
str3: "None"  
str4: "None"  
str5: "None"  
str6: "None"  
type 0x11 [0x001a]: 11 1b 1a 00 17 00 fe ff 40 00 40 00 00 04 09 00 01 02 02 80 00 20 50 00 00 00 00  
str1: "A2"  
str2: "Bank4/5"  
str3: "None"  
str4: "None"  
str5: "None"  
str6: "None"  
type 0x11 [0x001b]: 11 1b 1b 00 17 00 fe ff ff ff ff 00 00 09 00 01 02 02 04 00 00 00 00 00 00 00  
str1: "A3"  
str2: "Bank6/7"  
str3: "None"  
str4: "None"  
str5: "None"  
str6: "None"  
type 0x13 [0x001c]: 13 0f 1c 00 00 00 00 ff ff 1f 00 17 00 01  
type 0x14 [0x001d]: 14 13 1d 00 00 00 00 ff ff 0f 00 18 00 1c 00 01 00 00  
type 0x14 [0x001e]: 14 13 1e 00 00 00 00 00 00 00 19 00 1c 00 01 00 00

```
type 0x14 [0x001f]: 14 13 1f 00 00 00 10 00 ff ff 1f 00 1a 00 1c 00 01 00 00
type 0x14 [0x0020]: 14 13 20 00 00 00 00 00 00 00 00 00 1b 00 1c 00 01 00 00
type 0x20 [0x0021]: 20 0b 21 00 00 00 00 00 00 00 00
type 0x7f [0x0022]: 7f 04 22 00
smbios: stopped at end tag
>> bios.3: smp
smp: valid MP FP at 0xf37e0 (size 0x10, rev 4), MP config at 0xf1fa4
/dev/mem[0xf1fa4, 64]: mmap(, 4096,, 0xf1000) ok
MP config table size: 356
/dev/mem[0xf1fa4, 356]: mmap(, 8192,, 0xf1000) ok
base MP config table (36 entries):
type 0, len 20
00 00 11 03 f2 06 00 00 ff fb 00 00 00 00 00 00 00 00 00 00 00 00 "....."
type 0, len 20
00 01 11 01 17 06 00 00 ff fb 00 00 00 00 00 00 00 00 00 00 00 00 "....."
type 1, len 8
01 00 50 43 49 20 20 20 "..PCI "
type 1, len 8
01 01 50 43 49 20 20 20 "..PCI "
type 1, len 8
01 02 50 43 49 20 20 20 "..PCI "
type 1, len 8
01 03 49 53 41 20 20 20 "..ISA "
type 2, len 8
02 04 11 01 00 00 c0 fe "....."
type 3, len 8
03 00 0f 00 00 7d 04 13 ".....}"
type 3, len 8
03 00 0f 00 00 69 04 15 ".....i.."
type 3, len 8
03 00 0f 00 00 6a 04 12 ".....j.."
type 3, len 8
03 00 0f 00 00 74 04 17 ".....t.."
type 3, len 8
03 00 0f 00 00 75 04 13 ".....u.."
type 3, len 8
03 00 0f 00 00 76 04 12 ".....v.."
type 3, len 8
03 00 0f 00 00 74 04 17 ".....t.."
type 3, len 8
03 00 0f 00 00 68 04 10 ".....h.."
type 3, len 8
03 00 0f 00 00 04 04 10 "....."
type 3, len 8
03 00 0f 00 02 14 04 16 "....."
type 3, len 8
03 00 0f 00 00 6c 04 16 ".....l.."
type 3, len 8
03 00 0f 00 01 00 04 10 "....."
type 3, len 8
03 00 0f 00 02 04 04 14 "....."
type 3, len 8
03 00 0f 00 02 08 04 15 "....."
type 3, len 8
03 00 0f 00 00 7d 04 13 ".....}"
type 3, len 8
03 00 0f 00 00 7d 04 13 ".....}"
type 3, len 8
03 00 0f 00 00 7c 04 10 ".....|.."
type 3, len 8
03 03 00 00 03 00 04 00 "....."
type 3, len 8
03 00 00 00 03 01 04 01 "....."
```

type 3, len 8  
03 00 00 00 03 00 04 02 "....."  
type 3, len 8  
03 00 00 00 03 06 04 06 "....."  
type 3, len 8  
03 00 00 00 03 07 04 07 "....."  
type 3, len 8  
03 00 05 00 03 08 04 08 "....."  
type 3, len 8  
03 00 00 00 03 0c 04 0c "....."  
type 3, len 8  
03 00 00 00 03 0d 04 0d "....."  
type 3, len 8  
03 00 00 00 03 0e 04 0e "....."  
type 3, len 8  
03 00 00 00 03 0f 04 0f "....."  
type 4, len 8  
04 03 00 00 00 00 ff 00 "....."  
type 4, len 8  
04 01 00 00 00 00 ff 01 "....."

---- BIOS data 0x00400 - 0x004ff ----

400 f8 03 00 00 00 00 00 00 00 00 00 00 00 00 40 9f ".....@."  
410 27 02 00 7c 02 00 00 20 00 00 22 00 22 00 0d 1c "...|. .".  
420 0d 1c 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
430 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
440 1f 00 c0 00 00 00 00 00 4d 44 a0 00 ff ff 00 00 ".....MD....."  
450 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
460 00 00 00 d4 03 29 30 00 00 00 00 00 b0 0d 14 00 "....)0....."  
470 00 00 00 00 01 03 00 00 14 14 14 14 01 01 01 01 "....."  
480 1e 00 3e 00 3f 10 00 60 09 11 0b 81 50 00 00 03 "...>?.`...P..."  
490 07 07 00 00 00 00 10 02 00 00 00 00 00 00 00 "....."  
4a0 00 00 00 b0 0f 00 c0 00 f2 27 00 c0 10 11 01 00 ".....!"  
4b0 00 00 00 04 d1 00 04 00 00 00 04 00 00 00 00 "....."  
4c0 00 2c 61 02 00 00 ff ff 00 00 00 00 00 00 00 ".,a....."  
4d0 00 10 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
4e0 00 00 00 00 00 00 00 80 07 00 83 00 00 00 00 "....."  
4f0 aa 00 00 00 00 00 00 00 56 8f e4 05 00 00 00 ".....V....."

---- BIOS data end ----

---- EBDA 0x9f400 - 0x9fbff ----

9f400 02 41 44 42 45 00 00 00 00 00 00 00 00 00 00 "ADBE....."  
9f410 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9f420 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9f430 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9f440 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9f450 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9f460 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9f470 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9f480 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9f490 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9f4a0 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9f4b0 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9f4c0 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9f4d0 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9f4e0 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9f4f0 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9f500 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9f510 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9f520 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9f530 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9f540 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9f550 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9f560 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9f570 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."

9f580 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9f590 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9f5a0 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9f5b0 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9f5c0 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9f5d0 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9f5e0 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9f5f0 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9f600 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9f610 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9f620 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9f630 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9f640 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9f650 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9f660 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9f670 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9f680 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9f690 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9f6a0 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9f6b0 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9f6c0 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9f6d0 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9f6e0 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9f6f0 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9f700 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9f710 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9f720 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9f730 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9f740 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9f750 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9f760 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9f770 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9f780 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9f790 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9f7a0 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9f7b0 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9f7c0 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9f7d0 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9f7e0 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9f7f0 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9f800 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9f810 00 f8 02 f7 e0 00 0b 10 08 04 97 28 00 00 11 38 ".....(...8"  
9f820 01 26 ff a0 3f 00 00 00 08 ff 3f 10 a4 95 3f 2d ".&..?..?..?"  
9f830 10 00 01 00 00 0d 00 90 00 00 00 00 00 00 00 "....."  
9f840 02 01 00 28 00 00 00 00 02 00 00 02 00 00 10 00 "...(..."  
9f850 0d 00 90 00 00 00 00 0c 00 00 00 00 00 00 00 "....."  
9f860 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9f870 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9f880 28 00 00 00 00 00 00 00 01 00 00 00 00 00 00 "....."  
9f890 00 00 e0 50 00 00 00 00 00 00 00 00 02 00 00 "....P....."  
9f8a0 00 00 00 00 00 01 00 00 00 e0 25 00 00 00 00 40 ".....%...@"  
9f8b0 00 80 9f 02 28 28 00 00 00 00 00 01 00 00 02 00 "...((....."  
9f8c0 00 00 0d 00 90 00 02 fd 00 00 08 f6 b8 85 00 00 "....."  
9f8d0 00 02 00 00 00 0d 00 00 00 90 00 00 10 00 00 "....."  
9f8e0 00 0d 09 00 00 02 00 00 00 00 00 00 00 00 00 "....."  
9f8f0 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9f900 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9f910 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9f920 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9f930 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9f940 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9f950 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9f960 00 00 00 00 00 0d 09 00 00 02 00 80 00 00 00 "....."

9f970 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9f980 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9f990 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9f9a0 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9f9b0 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9f9c0 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9f9d0 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9f9e0 00 00 00 00 00 00 00 00 00 00 00 00 90 d6 8f "....."  
9f9f0 0b 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9fa00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9fa10 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9fa20 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9fa30 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9fa40 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9fa50 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9fa60 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9fa70 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9fa80 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9fa90 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9faa0 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9fab0 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9fac0 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9fad0 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9fae0 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9faf0 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9fb00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9fb10 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9fb20 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9fb30 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9fb40 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9fb50 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9fb60 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
9fb70 3e 00 3f 11 3e 00 3e 00 97 16 fe 66 5a 8f 40 55 ">.>.>...fZ.@U"  
9fb80 81 16 e7 1a 00 00 a0 a0 d9 67 44 00 97 16 44 00 ".....gD...D."  
9fb90 0b 8f 4f 00 44 00 50 50 00 00 22 1e 50 50 44 00 "...O.D.PP..."PPD."  
9fba0 44 00 97 16 44 03 97 16 44 03 7f 03 79 01 02 02 "D...D...D...y..."  
9fbb0 59 1d 00 03 ca 1b 00 08 44 04 97 16 44 03 00 05 "Y.....D...D..."  
9fbc0 79 02 46 02 bc 4c 20 90 24 33 09 00 a3 21 44 04 "y.F..L.\$3...!D."  
9fbd0 97 16 44 00 4c 00 d4 03 02 02 b4 50 38 03 44 00 "...D.L.....P8.D."  
9fbe0 44 00 00 00 24 9f 0a db 5b 13 0a db 40 00 00 9f "D...\$...[...@..."  
9fbf0 0c db 00 00 f6 0c 00 d0 02 01 20 01 b9 63 00 00 ".....c..."

---- EBDA end ----

/dev/mem[0xf37e0, 16]: mmap(, 4096,, 0xf3000) ok

---- MP FP 0xf37e0 - 0xf37ef ----

f37e0 5f 4d 50 5f a4 1f 0f 00 01 04 ce 00 00 00 00 00 "\_MP\_....."

---- MP FP end ----

/dev/mem[0xf1fa4, 356]: mmap(, 8192,, 0xf1000) ok

---- MP config table 0xf1fa4 - 0xf2107 ----

f1fa4 50 43 4d 50 64 01 04 77 4f 45 4d 30 30 30 30 30 "PCMPd..wOEM000000"  
f1fb4 50 52 4f 44 30 30 30 30 30 30 30 30 00 00 00 00 "PROD00000000...."  
f1fc4 00 00 24 00 00 00 e0 fe 00 00 00 00 00 00 11 03 "...\$....."  
f1fd4 f2 06 00 00 ff fb 00 00 00 00 00 00 00 00 00 00 "....."  
f1fe4 00 01 11 01 17 06 00 00 ff fb 00 00 00 00 00 00 "....."  
f1ff4 00 00 00 00 01 00 50 43 49 20 20 20 01 01 50 43 ".....PCI ..PC"  
f2004 49 20 20 20 01 02 50 43 49 20 20 20 01 03 49 53 "I ..PCI ..IS"  
f2014 41 20 20 20 02 04 11 01 00 00 c0 fe 03 00 0f 00 "A ....."  
f2024 00 7d 04 13 03 00 0f 00 00 69 04 15 03 00 0f 00 ".}.....i....."  
f2034 00 6a 04 12 03 00 0f 00 00 74 04 17 03 00 0f 00 ".j.....t....."  
f2044 00 75 04 13 03 00 0f 00 00 76 04 12 03 00 0f 00 ".u.....v....."  
f2054 00 74 04 17 03 00 0f 00 00 68 04 10 03 00 0f 00 ".t.....h....."  
f2064 00 04 04 10 03 00 0f 00 02 14 04 16 03 00 0f 00 "....."  
f2074 00 6c 04 16 03 00 0f 00 01 00 04 10 03 00 0f 00 ".l....."  
f2084 02 04 04 14 03 00 0f 00 02 08 04 15 03 00 0f 00 "....."

```
f2094 00 7d 04 13 03 00 0f 00 00 7d 04 13 03 00 0f 00 ".}.....}....."
f20a4 00 7c 04 10 03 03 00 00 03 00 04 00 03 00 00 00 ".|....."
f20b4 03 01 04 01 03 00 00 00 03 00 04 02 03 00 00 00 "....."
f20c4 03 06 04 06 03 00 00 00 03 07 04 07 03 00 05 00 "....."
f20d4 03 08 04 08 03 00 00 00 03 0c 04 0c 03 00 00 00 "....."
f20e4 03 0d 04 0d 03 00 00 00 03 0e 04 0e 03 00 00 00 "....."
f20f4 03 0f 04 0f 04 03 00 00 00 00 ff 00 04 01 00 00 "....."
f2104 00 00 ff 01 "...."
```

----- MP config table end -----

>> bios.4: vbe

/dev/mem[0xc0000, 3]: mmap(, 4096,,, 0xc0000) ok

/dev/mem[0xc0000, 56832]: mmap(, 57344,,, 0xc0000) ok

/dev/mem[0x0, 4096]: mmap(, 4096,,, 0x0) ok

vbe: int 10h points to c000:0fb0: 52 50 ba ca 03 ec 3c ff

>> bios.4.1: vbe info

vm86: using CPU emulation

>> bios.5: 32

bios32: valid SD header at 0xf9ab0 (size 0x10, rev 0), SD at 0xfa0c0

>> bios.6: acpi

----- ACPI dump -----

DSDT @ 0x7fee3180

```
0000: 44 53 44 54 32 4f 00 00 01 fe 49 4e 54 45 4c 52 DSDT2O....INTELR
0010: 41 57 52 44 41 43 50 49 00 10 00 00 4d 53 46 54 AWRDACPI...MSFT
0020: 0e 00 00 01 10 43 05 5c 5f 50 52 5f 5b 83 11 5c ....C.\_PR_[.\
0030: 2e 5f 50 52 5f 43 50 55 30 00 00 00 00 00 5b ._PR_CPU0.....[
0040: 83 11 5c 2e 5f 50 52 5f 43 50 55 31 01 00 00 00 .\._PR_CPU1....
0050: 00 00 5b 83 11 5c 2e 5f 50 52 5f 43 50 55 32 02 ..[.\._PR_CPU2.
0060: 00 00 00 00 00 5b 83 11 5c 2e 5f 50 52 5f 43 50 ....[.\._PR_CP
0070: 55 33 03 00 00 00 00 00 08 5c 5f 53 30 5f 12 0a U3.....\_S0_..
0080: 04 0a 00 0a 00 0a 00 0a 00 08 5c 53 53 31 5f 12 .....\_S1_.
0090: 0a 04 0a 01 0a 00 0a 00 0a 00 08 5c 5f 53 33 5f .....\_S3_
00a0: 12 0a 04 0a 05 0a 00 0a 00 0a 00 08 5c 5f 53 34 .....\_S4
00b0: 5f 12 0a 04 0a 06 0a 00 0a 00 0a 00 08 5c 5f 53 .....\_S
00c0: 35 5f 12 0a 04 0a 07 0a 00 0a 00 0a 00 08 46 4c 5_.....FL
00d0: 41 47 0a 00 08 53 54 41 54 0a 00 5b 80 5c 44 45 AG...STAT..[\_DE
00e0: 42 47 01 0a 80 0a 01 5b 81 0c 5c 44 45 42 47 01 BG.....[.\_DEBG.
00f0: 44 42 47 31 08 5b 80 45 4c 4b 4d 00 0c ea ff 0f DBG1.[_ELKM.....
0100: 00 0a 01 5b 81 17 45 4c 4b 4d 01 00 01 00 01 45 ...[.\_ELKM.....E
0110: 4c 53 4f 01 00 01 00 01 00 01 00 01 5b 80 45 58 LSO.....[.\_EX
0120: 54 4d 00 0c 30 f8 0f 00 0a 10 5b 81 29 45 58 54 TM..0.....[.\_EXT
0130: 4d 02 52 4f 4d 31 10 52 4d 53 31 10 52 4f 4d 32 M.ROM1.RMS1.ROM2
0140: 10 52 4d 53 32 10 52 4f 4d 33 10 52 4d 53 33 10 .RMS2.ROM3.RMS3.
0150: 41 4d 45 4d 20 5b 80 5c 53 4d 49 43 01 0a b2 0a AMEM [.\_SMIC....
0160: 01 5b 81 0c 5c 53 4d 49 43 01 53 43 50 5f 08 5b [.\_SMIC.SCP_[
0170: 80 5c 50 4d 31 53 01 0b 00 04 0a 04 5b 81 1b 5c \_PM1S.....[.\
0180: 50 4d 31 53 01 50 4d 30 30 08 50 4d 30 31 08 50 PM1S.PM00.PM01.P
0190: 4d 30 32 08 50 4d 30 33 08 5b 80 5c 50 4d 32 53 M02.PM03.[.\_PM2S
01a0: 01 0b 29 04 0a 01 5b 81 0e 5c 50 4d 32 53 01 00 ..)...[.\_PM2S..
01b0: 01 50 4d 32 39 01 5b 80 5c 53 50 45 4e 01 0b 30 .PM29.[.\_SPEN..0
01c0: 04 0a 01 5b 81 0e 5c 53 50 45 4e 01 00 04 54 52 ...[.\_SPEN...TR
01d0: 41 50 01 5b 80 5c 47 42 4c 45 01 0b 21 04 0a 01 AP.[.\_GBLE.!...
01e0: 5b 81 0c 5c 47 42 4c 45 01 45 53 4d 49 08 5b 80 [.\_GBLE.ESMI[.
01f0: 41 50 4d 50 01 0a b2 0a 02 5b 81 10 41 50 4d 50 APMP.....[.\_APMP
0200: 01 41 50 4d 43 08 41 50 4d 44 08 5b 80 5c 47 50 .APMC.APMD.[.\_GP
0210: 4f 5f 01 0b 8c 04 0a 04 5b 81 48 0a 5c 47 50 4f O_.....[.\_H.\_GPO
0220: 5f 01 47 4f 30 30 01 47 4f 30 31 01 47 4f 30 32 ._GO00.GO01.GO02
0230: 01 47 4f 30 33 01 47 4f 30 34 01 47 4f 30 35 01 .GO03.GO04.GO05.
0240: 47 4f 30 36 01 47 4f 30 37 01 47 4f 30 38 01 47 GO06.GO07.GO08.G
0250: 4f 30 39 01 47 4f 30 41 01 47 4f 30 42 01 47 4f O09.GO0A.GO0B.GO
0260: 30 43 01 47 4f 30 44 01 47 4f 30 45 01 47 4f 30 0C.GO0D.GO0E.GO0
0270: 46 01 47 4f 31 30 01 47 4f 31 31 01 47 4f 31 32 F.GO10.GO11.GO12
0280: 01 47 4f 31 33 01 47 4f 31 34 01 47 4f 31 35 01 .GO13.GO14.GO15.
0290: 47 4f 31 36 01 47 4f 31 37 01 47 4f 31 38 01 47 GO16.GO17.GO18.G
```

02a0: 4f 31 39 01 47 4f 31 41 01 47 4f 31 42 01 47 4f O19.GO1A.GO1B.GO  
02b0: 31 43 01 47 4f 31 44 01 47 4f 31 45 01 47 4f 31 1C.GO1D.GO1E.GO1  
02c0: 46 01 5b 80 5c 47 50 4f 32 01 0b b8 04 0a 04 5b F.\GPO2.....[  
02d0: 81 4a 04 5c 47 50 4f 32 01 47 4f 32 30 01 47 4f J.\GPO2.GO20.GO  
02e0: 32 31 01 47 4f 32 32 01 47 4f 32 33 01 47 4f 32 21.GO22.GO23.GO2  
02f0: 34 01 47 4f 32 35 01 47 4f 32 36 01 47 4f 32 37 4.GO25.GO26.GO27  
0300: 01 00 01 00 01 00 01 00 01 00 01 00 01 00 01 00 .....  
0310: 01 47 4f 33 30 01 47 4f 33 31 01 08 4f 53 46 58 .GO30.GO31..OSFX  
0320: 0a 01 08 4f 53 46 4c 0a 01 14 41 05 53 54 52 43 ...OSFL...A.STRC  
0330: 02 a0 0a 92 93 87 68 87 69 a4 0a 00 72 87 68 0a .....h.i...r.h.  
0340: 01 60 08 42 55 46 30 11 02 60 08 42 55 46 31 11 .'.BUF0..' .BUF1.  
0350: 02 60 70 68 42 55 46 30 70 69 42 55 46 31 a2 1a .'.phBUF0piBUF1..  
0360: 60 76 60 a0 15 92 93 83 88 42 55 46 30 60 00 83 `v`.....BUF0`..  
0370: 88 42 55 46 31 60 00 a4 00 a4 01 5b 80 52 54 43 .BUF1`.....[.RTC  
0380: 4d 01 0a 70 0a 02 5b 81 10 52 54 43 4d 01 43 4d M..p.[..RTCM.CM  
0390: 49 4e 08 43 4d 44 41 08 5b 86 12 43 4d 49 4e 43 IN.CMDA.[..CMINC  
03a0: 4d 44 41 01 00 48 07 53 48 55 54 08 5b 80 49 4e MDA..H.SHUT.[.IN  
03b0: 46 4f 00 0c 40 f8 0f 00 0a 01 5b 81 29 49 4e 46 FO..@.....[.]INF  
03c0: 4f 01 4b 42 44 49 01 52 54 43 57 01 50 53 32 46 O.KBDI.RTCW.PS2F  
03d0: 01 49 52 46 4c 02 44 49 53 45 01 53 53 48 55 01 .IRFL.DISE.SSHU.  
03e0: 41 57 4d 44 01 5b 80 42 45 45 50 01 0a 61 0a 01 AWMD.[.BEEP..a..  
03f0: 5b 81 0b 42 45 45 50 01 53 31 42 5f 08 5b 80 43 [.BEEP.S1B\_[.C  
0400: 4f 4e 54 01 0a 40 0a 04 5b 81 1a 43 4f 4e 54 01 ONT..@..[.CONT.  
0410: 43 4e 54 30 08 43 4e 54 31 08 43 4e 54 32 08 43 CNT0.CNT1.CNT2.C  
0420: 54 52 4c 08 14 43 06 53 50 4b 52 01 70 53 31 42 TRL..C.SPKR\_pS1B  
0430: 5f 60 70 0a b6 43 54 52 4c 70 0a 55 43 4e 54 32 \_'p..CTRLp.UCNT2  
0440: 70 0a 03 43 4e 54 32 70 68 62 a2 37 94 62 0a 00 p..CNT2phb.7.b..  
0450: 7d 53 31 42 5f 0a 03 53 31 42 5f 70 0b ff 5f 63 }S1B\_..S1B\_p\_..c  
0460: a2 07 94 63 0a 00 76 63 7b 53 31 42 5f 0a fc 53 ...c..vc{S1B\_..S  
0470: 31 42 5f 70 0b ff 0e 63 a2 07 94 63 0a 00 76 63 1B\_p\_..c..c..vc  
0480: 76 62 70 60 53 31 42 5f 10 17 5c 00 08 50 49 43 vbp`S1B\_...PIC  
0490: 46 0a 00 14 0c 5f 50 49 43 01 70 68 50 49 43 46 F....\_PIC.phPICF  
04a0: 14 42 12 5c 5f 50 54 53 01 7d 68 0a f0 60 70 60 .B.\\_PTS.`h..`p`  
04b0: 44 42 47 31 70 0a 01 50 4d 32 39 a0 2d 92 93 56 DBG1p..PM29.-.V  
04c0: 49 44 30 0b ff ff a0 22 93 7b 52 53 52 30 0a 01 ID0....".{RSR0..  
04d0: 00 0a 01 7d 52 53 52 30 0a 01 52 53 52 30 7d 50 ...}{RSR0..RSR0}P  
04e0: 4d 43 30 0a 80 50 4d 43 30 a0 2d 92 93 56 49 44 MC0..PMC0.-.VID  
04f0: 31 0b ff ff a0 22 93 7b 52 53 52 31 0a 01 00 0a 1....".{RSR1....  
0500: 01 7d 52 53 52 31 0a 01 52 53 52 31 7d 50 4d 43 .}{RSR1..RSR1}PMC  
0510: 31 0a 80 50 4d 43 31 a0 2d 92 93 56 49 44 32 0b 1..PMC1.-.VID2.  
0520: ff ff a0 22 93 7b 52 53 52 32 0a 01 00 0a 01 7d ...".{RSR2.....}  
0530: 52 53 52 32 0a 01 52 53 52 32 7d 50 4d 43 32 0a RSR2..RSR2}PMC2.  
0540: 80 50 4d 43 32 a0 2d 92 93 56 49 44 33 0b ff ff .PMC2.-.VID3...  
0550: a0 22 93 7b 52 53 52 33 0a 01 00 0a 01 7d 52 53 ..".{RSR3.....}RS  
0560: 52 33 0a 01 52 53 52 33 7d 50 4d 43 33 0a 80 50 R3..RSR3}PMC3..P  
0570: 4d 43 33 4f 53 54 50 a0 0d 93 68 0a 01 70 68 60 MC3OSTP...h..ph`  
0580: 53 41 4c 44 60 a0 0d 93 68 0a 03 70 68 60 53 41 SALD`...h..ph`SA  
0590: 4c 44 60 a0 1e 93 68 0a 05 70 45 53 4d 49 60 7b LD`...h..pESMI`{  
05a0: 60 0a fb 60 70 60 45 53 4d 49 70 68 60 53 41 4c `..`p`ESMIph`SAL  
05b0: 44 60 a0 10 93 68 0a 04 a0 0a 92 50 49 43 46 5b D`...h.....PICF[  
05c0: 22 0a 64 14 43 0c 5c 5f 57 41 4b 01 70 0a ff 44 ".d.c.\\_WAK.p.D  
05d0: 42 47 31 a0 0c 93 68 0a 03 70 0a 88 53 43 50 5f BG1...h..p..SCP\_  
05e0: 53 41 4c 44 0a 00 53 46 41 4e 0a ff 86 5c 2f 04 SALD..SFAN...V.  
05f0: 5f 53 42 5f 50 43 49 30 50 58 34 30 55 41 52 31 \_SB\_PCI0PX40UAR1  
0600: 0a 00 a0 12 4f 53 46 4c 86 5c 2e 5f 53 42 5f 50 ....OSFL.\\_SB\_P  
0610: 57 52 42 0a 02 a1 17 a0 15 93 52 54 43 57 0a 00 WRB.....RTCW..  
0620: 86 5c 2e 5f 53 42 5f 50 57 52 42 0a 02 86 5c 2f \.\\_SB\_PWRB...V  
0630: 03 5f 53 42 5f 50 43 49 30 55 53 42 30 0a 00 86 \_SB\_PCI0USB0...  
0640: 5c 2f 03 5f 53 42 5f 50 43 49 30 55 53 42 31 0a V.\\_SB\_PCI0USB1.  
0650: 00 86 5c 2f 03 5f 53 42 5f 50 43 49 30 55 53 42 ..V.\\_SB\_PCI0USB  
0660: 32 0a 00 86 5c 2f 03 5f 53 42 5f 50 43 49 30 55 2...V.\\_SB\_PCI0U  
0670: 53 42 33 0a 00 86 5c 2f 03 5f 53 42 5f 50 43 49 SB3...V.\\_SB\_PCI  
0680: 30 55 53 42 34 0a 00 10 1a 5c 5f 53 49 5f 14 09 0USB4....\\_SI\_..



0690: 5f 4d 53 47 01 70 60 60 14 09 5f 53 53 54 01 70 \_MSG.p`..\_SST.p  
06a0: 60 60 10 47 26 5c 5f 47 50 45 14 13 5f 4c 30 30 ``.G&\\_GPE..\_L00  
06b0: 00 86 5c 2e 5f 54 5a 5f 54 48 52 4d 0a 80 14 18 ..\\_TZ\\_THRM....  
06c0: 5f 4c 30 33 00 86 5c 2f 03 5f 53 42 5f 50 43 49 \_L03..V\\_SB\_PCI  
06d0: 30 55 53 42 30 0a 02 14 18 5f 4c 30 34 00 86 5c 0USB0....\_L04..\n  
06e0: 2f 03 5f 53 42 5f 50 43 49 30 55 53 42 31 0a 02 /\\_SB\_PCI0USB1..  
06f0: 14 18 5f 4c 30 43 00 86 5c 2f 03 5f 53 42 5f 50 ..\_LOC..V\\_SB\_P  
0700: 43 49 30 55 53 42 32 0a 02 14 18 5f 4c 30 45 00 CI0USB2....\_LOE.  
0710: 86 5c 2f 03 5f 53 42 5f 50 43 49 30 55 53 42 33 .V\\_SB\_PCI0USB3  
0720: 0a 02 14 18 5f 4c 30 35 00 86 5c 2f 03 5f 53 42 ....\_L05..V\\_SB  
0730: 5f 50 43 49 30 55 53 42 34 0a 02 14 2a 5f 4c 30 \_PCI0USB4...\*\_L0  
0740: 44 00 86 5c 2f 03 5f 53 42 5f 50 43 49 30 55 53 D..V\\_SB\_PCI0US  
0750: 42 36 0a 02 86 5c 2f 03 5f 53 42 5f 50 43 49 30 B6..V\\_SB\_PCI0  
0760: 55 53 42 37 0a 02 14 18 5f 4c 30 42 00 86 5c 2f USB7....\_L0B..V  
0770: 03 5f 53 42 5f 50 43 49 30 48 55 42 30 0a 02 14 .\_SB\_PCI0HUB0...  
0780: 32 5f 4c 30 38 00 86 5c 2f 04 5f 53 42 5f 50 43 2\_L08..V\\_SB\_PC  
0790: 49 30 50 58 34 30 55 41 52 31 0a 02 86 5c 2f 04 I0PX40UAR1...V.  
07a0: 5f 53 42 5f 50 43 49 30 50 58 34 30 55 41 52 32 \_SB\_PCI0PX40UAR2  
07b0: 0a 02 14 47 15 5f 4c 30 39 00 a0 37 92 93 56 49 ...G..\_L09..7..VI  
07c0: 44 30 0b ff ff a0 2c 93 7b 52 53 52 30 0a 01 00 D0.....{RSR0...  
07d0: 0a 01 70 0a ff 52 53 52 30 70 0a 80 50 4d 43 30 ..p..RSR0p..PMC0  
07e0: 86 5c 2f 03 5f 53 42 5f 50 43 49 30 50 45 58 30 .V\\_SB\_PCI0PEX0  
07f0: 0a 02 a0 37 92 93 56 49 44 31 0b ff ff a0 2c 93 ...7..VID1.....,  
0800: 7b 52 53 52 31 0a 01 00 0a 01 70 0a ff 52 53 52 {RSR1.....p..RSR  
0810: 31 70 0a 80 50 4d 43 31 86 5c 2f 03 5f 53 42 5f 1p..PMC1..V\\_SB\_  
0820: 50 43 49 30 50 45 58 31 0a 02 a0 37 92 93 56 49 PCI0PEX1...7..VI  
0830: 44 32 0b ff ff a0 2c 93 7b 52 53 52 32 0a 01 00 D2.....{RSR2...  
0840: 0a 01 70 0a ff 52 53 52 32 70 0a 80 50 4d 43 32 ..p..RSR2p..PMC2  
0850: 86 5c 2f 03 5f 53 42 5f 50 43 49 30 50 45 58 32 .V\\_SB\_PCI0PEX2  
0860: 0a 02 a0 37 92 93 56 49 44 33 0b ff ff a0 2c 93 ...7..VID3.....,  
0870: 7b 52 53 52 33 0a 01 00 0a 01 70 0a ff 52 53 52 {RSR3.....p..RSR  
0880: 33 70 0a 80 50 4d 43 33 86 5c 2f 03 5f 53 42 5f 3p..PMC3..V\\_SB\_  
0890: 50 43 49 30 50 45 58 33 0a 02 a0 37 92 93 56 49 PCI0PEX3...7..VI  
08a0: 44 34 0b ff ff a0 2c 93 7b 52 53 52 34 0a 01 00 D4.....{RSR4...  
08b0: 0a 01 70 0a ff 52 53 52 34 70 0a 80 50 4d 43 34 ..p..RSR4p..PMC4  
08c0: 86 5c 2f 03 5f 53 42 5f 50 43 49 30 50 45 58 34 .V\\_SB\_PCI0PEX4  
08d0: 0a 02 a0 37 92 93 56 49 44 35 0b ff ff a0 2c 93 ...7..VID5.....,  
08e0: 7b 52 53 52 35 0a 01 00 0a 01 70 0a ff 52 53 52 {RSR5.....p..RSR  
08f0: 35 70 0a 80 50 4d 43 35 86 5c 2f 03 5f 53 42 5f 5p..PMC5..V\\_SB\_  
0900: 50 43 49 30 50 45 58 35 0a 02 10 88 1c 04 5c 5f PCI0PEX5.....\  
0910: 53 42 5f 5b 82 19 50 57 52 42 08 5f 48 49 44 0c SB[.PWRB..\_HID.  
0920: 41 d0 0c 0c 14 09 5f 53 54 41 00 a4 0a 0b 5b 82 A.....\_STA....[.  
0930: 89 eb 03 50 43 49 30 08 5f 48 49 44 0c 41 d0 0a ...PCI0..\_HID.A..  
0940: 08 08 5f 43 49 44 0c 41 d0 0a 03 08 5f 41 44 52 ..\_CID.A....\_ADR  
0950: 0a 00 08 5f 55 49 44 0a 01 08 5f 42 42 4e 0a 00 ...\_UID...\_BBN..  
0960: 14 17 5f 53 33 44 00 a0 0b 93 4f 53 46 4c 0a 02 ..\_S3D....\_OSFL..  
0970: a4 0a 02 a1 04 a4 0a 03 14 09 5f 53 54 41 00 a4 .....\_STA..  
0980: 0a 0f 14 4e 0d 5f 43 52 53 00 08 42 55 46 30 11 ...N..\_CRS..\_BUF0.  
0990: 4c 08 0a 88 88 0d 00 02 01 00 00 00 00 00 ff 00 L.....  
09a0: 00 00 00 01 47 01 f8 0c f8 0c 01 08 88 0d 00 01 ....G.....  
09b0: 0c 03 00 00 00 00 f7 0c 00 00 f8 0c 88 0d 00 01 .....  
09c0: 0c 03 00 00 00 0d ff ff 00 00 00 f3 87 17 00 00 .....  
09d0: 0c 03 00 00 00 00 00 00 0a 00 ff ff 0b 00 00 00 .....  
09e0: 00 00 00 00 02 00 87 17 00 00 0c 03 00 00 00 00 .....  
09f0: 00 00 0c 00 ff ff 0d 00 00 00 00 00 00 00 02 00 .....  
0a00: 87 17 00 00 0c 03 00 00 00 00 00 00 10 00 ff ff .....  
0a10: bf fe 00 00 00 00 00 00 f0 ff 79 00 8a 42 55 46 .....y..\_BUF  
0a20: 30 0a 76 54 43 4d 4d 8a 42 55 46 30 0a 82 54 4f 0.vTCMM.BUF0..TO  
0a30: 4d 4d 72 41 4d 45 4d 0c 00 00 01 00 54 43 4d 4d MMrAMEM.....TCMM  
0a40: 72 54 43 4d 4d 0c 00 00 01 00 54 43 4d 4d 74 0c rTCMM.....TCMMt.  
0a50: 00 00 c0 fe 54 43 4d 4d 54 4f 4d 4d a4 42 55 46 ....TCMMTOMM.BUF  
0a60: 30 08 50 49 43 4d 12 4a 23 15 12 1a 04 0c ff ff 0.PICM.J#.....  
0a70: 1b 00 0a 00 5c 2f 03 5f 53 42 5f 50 43 49 30 4c ....V..\_SB\_PCI0L

0a80: 4e 4b 30 0a 00 12 1a 04 0c ff ff 19 00 0a 00 5c NK0.....\  
0a90: 2f 03 5f 53 42 5f 50 43 49 30 4c 4e 4b 45 0a 00 /.\_SB\_PCI0LNKE..  
0aa0: 12 1a 04 0c ff ff 01 00 0a 00 5c 2f 03 5f 53 42 .....V.\_SB  
0ab0: 5f 50 43 49 30 4c 4e 4b 41 0a 00 12 1a 04 0c ff \_PCI0LNKA.....  
0ac0: ff 01 00 0a 01 5c 2f 03 5f 53 42 5f 50 43 49 30 ....V.\_SB\_PCI0  
0ad0: 4c 4e 4b 42 0a 00 12 1a 04 0c ff ff 01 00 0a 02 LNKB.....  
0ae0: 5c 2f 03 5f 53 42 5f 50 43 49 30 4c 4e 4b 43 0a V.\_SB\_PCI0LNKC..  
0af0: 00 12 1a 04 0c ff ff 01 00 0a 03 5c 2f 03 5f 53 .....V.\_S  
0b00: 42 5f 50 43 49 30 4c 4e 4b 44 0a 00 12 1a 04 0c B\_PCI0LNKD.....  
0b10: ff ff 1c 00 0a 00 5c 2f 03 5f 53 42 5f 50 43 49 .....V.\_SB\_PCI  
0b20: 30 4c 4e 4b 41 0a 00 12 1a 04 0c ff ff 1c 00 0a 0LNKA.....  
0b30: 01 5c 2f 03 5f 53 42 5f 50 43 49 30 4c 4e 4b 42 .V.\_SB\_PCI0LNKB  
0b40: 0a 00 12 1a 04 0c ff ff 1c 00 0a 02 5c 2f 03 5f .....V.\_  
0b50: 53 42 5f 50 43 49 30 4c 4e 4b 43 0a 00 12 1a 04 SB\_PCI0LNKC.....  
0b60: 0c ff ff 1c 00 0a 03 5c 2f 03 5f 53 42 5f 50 43 .....V.\_SB\_PC  
0b70: 49 30 4c 4e 4b 44 0a 00 12 1a 04 0c ff ff 1c 00 I0LNKD.....  
0b80: 0a 00 5c 2f 03 5f 53 42 5f 50 43 49 30 4c 4e 4b ..V.\_SB\_PCI0LNK  
0b90: 41 0a 00 12 1a 04 0c ff ff 1c 00 0a 01 5c 2f 03 A.....V.  
0ba0: 5f 53 42 5f 50 43 49 30 4c 4e 4b 42 0a 00 12 1a \_SB\_PCI0LNKB....  
0bb0: 04 0c ff ff 1d 00 0a 00 5c 2f 03 5f 53 42 5f 50 .....V.\_SB\_P  
0bc0: 43 49 30 4c 4e 4b 31 0a 00 12 1a 04 0c ff ff 1d CI0LNK1.....  
0bd0: 00 0a 01 5c 2f 03 5f 53 42 5f 50 43 49 30 4c 4e ...V.\_SB\_PCI0LN  
0be0: 4b 44 0a 00 12 1a 04 0c ff ff 1d 00 0a 02 5c 2f KD.....V  
0bf0: 03 5f 53 42 5f 50 43 49 30 4c 4e 4b 43 0a 00 12 .\_SB\_PCI0LNKC...  
0c00: 1a 04 0c ff ff 1a 00 0a 00 5c 2f 03 5f 53 42 5f .....V.\_SB\_  
0c10: 50 43 49 30 4c 4e 4b 41 0a 00 12 1a 04 0c ff ff PCI0LNKA.....  
0c20: 1a 00 0a 01 5c 2f 03 5f 53 42 5f 50 43 49 30 4c ...V.\_SB\_PCI0L  
0c30: 4e 4b 46 0a 00 12 1a 04 0c ff ff 1a 00 0a 02 5c NKF.....\  
0c40: 2f 03 5f 53 42 5f 50 43 49 30 4c 4e 4b 43 0a 00 /.\_SB\_PCI0LNKC..  
0c50: 12 1a 04 0c ff ff 1f 00 0a 01 5c 2f 03 5f 53 42 .....V.\_SB  
0c60: 5f 50 43 49 30 4c 4e 4b 44 0a 00 12 1a 04 0c ff \_PCI0LNKD.....  
0c70: ff 1f 00 0a 01 5c 2f 03 5f 53 42 5f 50 43 49 30 ....V.\_SB\_PCI0  
0c80: 4c 4e 4b 44 0a 00 12 1a 04 0c ff ff 1f 00 0a 01 LNKD.....  
0c90: 5c 2f 03 5f 53 42 5f 50 43 49 30 4c 4e 4b 44 0a V.\_SB\_PCI0LNKD..  
0ca0: 00 08 41 50 49 43 12 49 12 15 12 0d 04 0c ff ff ..APIC.I.....  
0cb0: 1b 00 0a 00 0a 00 0a 16 12 0d 04 0c ff ff 19 00 .....  
0cc0: 0a 00 0a 00 0a 14 12 0d 04 0c ff ff 01 00 0a 00 .....  
0cd0: 0a 00 0a 10 12 0d 04 0c ff ff 01 00 0a 01 0a 00 .....  
0ce0: 0a 11 12 0d 04 0c ff ff 01 00 0a 02 0a 00 0a 12 .....  
0cf0: 12 0d 04 0c ff ff 01 00 0a 03 0a 00 0a 13 12 0d .....  
0d00: 04 0c ff ff 1c 00 0a 00 0a 00 0a 10 12 0d 04 0c .....  
0d10: ff ff 1c 00 0a 01 0a 00 0a 11 12 0d 04 0c ff ff .....  
0d20: 1c 00 0a 02 0a 00 0a 12 12 0d 04 0c ff ff 1c 00 .....  
0d30: 0a 03 0a 00 0a 13 12 0d 04 0c ff ff 1c 00 0a 00 .....  
0d40: 0a 00 0a 10 12 0d 04 0c ff ff 1c 00 0a 01 0a 00 .....  
0d50: 0a 11 12 0d 04 0c ff ff 1d 00 0a 00 0a 00 0a 17 .....  
0d60: 12 0d 04 0c ff ff 1d 00 0a 01 0a 00 0a 13 12 0d .....  
0d70: 04 0c ff ff 1d 00 0a 02 0a 00 0a 12 12 0d 04 0c .....  
0d80: ff ff 1a 00 0a 00 0a 00 0a 10 12 0d 04 0c ff ff .....  
0d90: 1a 00 0a 01 0a 00 0a 15 12 0d 04 0c ff ff 1a 00 .....  
0da0: 0a 02 0a 00 0a 12 12 0d 04 0c ff ff 1f 00 0a 01 .....  
0db0: 0a 00 0a 13 12 0d 04 0c ff ff 1f 00 0a 01 0a 00 .....  
0dc0: 0a 13 12 0d 04 0c ff ff 1f 00 0a 01 0a 00 0a 13 .....  
0dd0: 14 19 5f 50 52 54 00 a0 0b 92 50 49 43 46 a4 50 ..\_PRT...PICF.P  
0de0: 49 43 4d a1 06 a4 41 50 49 43 5b 82 43 12 50 45 ICM...APIC].C.PE  
0df0: 58 30 08 5f 41 44 52 0c 00 00 1c 00 14 09 5f 53 X0.\_ADR.....S  
0e00: 54 41 00 a4 0a 0f 14 0e 5f 50 52 57 00 a4 12 06 TA.....\_PRW....  
0e10: 02 0a 09 0a 05 5b 80 50 43 45 30 02 0a 00 0a ff ....[.PCE0.....  
0e20: 10 2f 5c 00 5b 81 2a 5c 2f 04 5f 53 42 5f 50 43 .\.[.\*V.\_SB\_PC  
0e30: 49 30 50 45 58 30 50 43 45 30 01 56 49 44 30 10 IOPEX0PCE0.VID0.  
0e40: 00 40 30 52 53 52 30 08 00 40 3e 50 4d 43 30 08 .@0RSR0..@>PMC0.  
0e50: 08 50 49 43 30 12 47 06 04 12 18 04 0b ff ff 0a .PIC0.G.....  
0e60: 00 5c 2f 03 5f 53 42 5f 50 43 49 30 4c 4e 4b 41 .V.\_SB\_PCI0LNKA

0e70: 0a 00 12 18 04 0b ff ff 0a 01 5c 2f 03 5f 53 42 .....V..\_SB  
0e80: 5f 50 43 49 30 4c 4e 4b 42 0a 00 12 18 04 0b ff ..\_PCI0LNKB.....  
0e90: ff 0a 02 5c 2f 03 5f 53 42 5f 50 43 49 30 4c 4e ...V..\_SB\_PCI0LN  
0ea0: 4b 43 0a 00 12 18 04 0b ff ff 0a 03 5c 2f 03 5f KC.....V..\_  
0eb0: 53 42 5f 50 43 49 30 4c 4e 4b 44 0a 00 08 41 50 SB\_PCI0LNKD...AP  
0ec0: 49 30 12 32 04 12 0b 04 0b ff ff 0a 00 0a 00 0a I0.2.....  
0ed0: 10 12 0b 04 0b ff ff 0a 01 0a 00 0a 11 12 0b 04 .....  
0ee0: 0b ff ff 0a 02 0a 00 0a 12 12 0b 04 0b ff ff 0a .....  
0ef0: 03 0a 00 0a 13 14 19 5f 50 52 54 00 a0 0b 92 50 .....\_PRT...P  
0f00: 49 43 46 a4 50 49 43 30 a1 06 a4 41 50 49 30 5b ICF.PIC0...API0[  
0f10: 82 43 12 50 45 58 31 08 5f 41 44 52 0c 01 00 1c .C.PEX1..\_ADR....  
0f20: 00 14 09 5f 53 54 41 00 a4 0a 0f 14 0e 5f 50 52 ...\_STA.....\_PR  
0f30: 57 00 a4 12 06 02 0a 09 0a 05 5b 80 50 43 45 31 W.....[.PCE1  
0f40: 02 0a 00 0a ff 10 2f 5c 00 5b 81 2a 5c 2f 04 5f .....^.[.\*V..\_  
0f50: 53 42 5f 50 43 49 30 50 45 58 31 50 43 45 31 01 SB\_PCI0PEX1PCE1.  
0f60: 56 49 44 31 10 00 40 30 52 53 52 31 08 00 40 3e VID1..@0RSR1..@>  
0f70: 50 4d 43 31 08 08 50 49 43 31 12 47 06 04 12 18 PMC1..PIC1.G....  
0f80: 04 0b ff ff 0a 00 5c 2f 03 5f 53 42 5f 50 43 49 .....V..\_SB\_PCI  
0f90: 30 4c 4e 4b 42 0a 00 12 18 04 0b ff ff 0a 01 5c 0LNKB.....\  
0fa0: 2f 03 5f 53 42 5f 50 43 49 30 4c 4e 4b 43 0a 00 /..\_SB\_PCI0LNKC..  
0fb0: 12 18 04 0b ff ff 0a 02 5c 2f 03 5f 53 42 5f 50 .....V..\_SB\_P  
0fc0: 43 49 30 4c 4e 4b 44 0a 00 12 18 04 0b ff ff 0a CI0LNKD.....  
0fd0: 03 5c 2f 03 5f 53 42 5f 50 43 49 30 4c 4e 4b 41 .V..\_SB\_PCI0LNKA  
0fe0: 0a 00 08 41 50 49 31 12 32 04 12 0b 04 0b ff ff ...API1.2.....  
0ff0: 0a 00 0a 00 0a 11 12 0b 04 0b ff ff 0a 01 0a 00 .....  
1000: 0a 12 12 0b 04 0b ff ff 0a 02 0a 00 0a 13 12 0b .....  
1010: 04 0b ff ff 0a 03 0a 00 0a 10 14 19 5f 50 52 54 .....\_PRT  
1020: 00 a0 0b 92 50 49 43 46 a4 50 49 43 31 a1 06 a4 ...PICF.PIC1...  
1030: 41 50 49 31 5b 82 43 12 50 45 58 32 08 5f 41 44 API1[.C.PEX2..\_AD  
1040: 52 0c 02 00 1c 00 14 09 5f 53 54 41 00 a4 0a 0f R.....\_STA....  
1050: 14 0e 5f 50 52 57 00 a4 12 06 02 0a 09 0a 05 5b ..\_PRW.....[  
1060: 80 50 43 45 32 02 0a 00 0a ff 10 2f 5c 00 5b 81 .PCE2.....^.[.  
1070: 2a 5c 2f 04 5f 53 42 5f 50 43 49 30 50 45 58 32 \*V..\_SB\_PCI0PEX2  
1080: 50 43 45 32 01 56 49 44 32 10 00 40 30 52 53 52 PCE2.VID2..@0RSR  
1090: 32 08 00 40 3e 50 4d 43 32 08 08 50 49 43 32 12 2..@>PMC2..PIC2..  
10a0: 47 06 04 12 18 04 0b ff ff 0a 00 5c 2f 03 5f 53 G.....V..\_S  
10b0: 42 5f 50 43 49 30 4c 4e 4b 43 0a 00 12 18 04 0b B\_PCI0LNKC.....  
10c0: ff ff 0a 01 5c 2f 03 5f 53 42 5f 50 43 49 30 4c ...V..\_SB\_PCI0L  
10d0: 4e 4b 44 0a 00 12 18 04 0b ff ff 0a 02 5c 2f 03 NKD.....V..\_  
10e0: 5f 53 42 5f 50 43 49 30 4c 4e 4b 41 0a 00 12 18 \_SB\_PCI0LNKA....  
10f0: 04 0b ff ff 0a 03 5c 2f 03 5f 53 42 5f 50 43 49 .....V..\_SB\_PCI  
1100: 30 4c 4e 4b 42 0a 00 08 41 50 49 32 12 32 04 12 0LNKB...API2.2..  
1110: 0b 04 0b ff ff 0a 00 0a 00 0a 12 12 0b 04 0b ff .....  
1120: ff 0a 01 0a 00 0a 13 12 0b 04 0b ff ff 0a 02 0a .....  
1130: 00 0a 10 12 0b 04 0b ff ff 0a 03 0a 00 0a 11 14 .....  
1140: 19 5f 50 52 54 00 a0 0b 92 50 49 43 46 a4 50 49 .PRT...PICF.PI  
1150: 43 32 a1 06 a4 41 50 49 32 5b 82 48 86 50 45 58 C2...API2[.H.PEX  
1160: 33 08 5f 41 44 52 0c 03 00 1c 00 5b 82 43 74 4a 3.\_ADR.....[.CtJ  
1170: 4d 42 30 08 5f 41 44 52 0a 00 5b 80 43 46 34 30 MB0..\_ADR..[.CF40  
1180: 02 0a 40 0a 04 5b 81 4d 04 43 46 34 30 01 43 48 ..@[.M.CF40.CH  
1190: 45 30 01 00 02 43 41 42 30 01 43 48 45 31 01 00 E0...CAB0.CHE1..  
11a0: 03 41 48 45 4e 01 00 03 50 52 54 30 01 41 48 4d .AHEN...PRT0.AHM  
11b0: 30 01 50 52 54 31 01 41 48 4d 31 01 43 46 34 32 0.PRT1.AHM1.CF42  
11c0: 06 53 57 41 50 01 50 41 54 41 01 00 06 57 54 45 .SWAP.PATA...WTE  
11d0: 4e 01 00 01 08 50 49 4f 54 12 0f 05 0b 58 02 0b N...PIOT...X..  
11e0: 86 01 0b 4a 01 0a b4 0a 78 08 55 44 4d 41 12 10 ...J...x.UDMA..  
11f0: 07 0a 78 0a 50 0a 3c 0a 28 0a 1e 0a 14 0a 0f 08 ..x.P.<.(.....  
1200: 4d 44 4d 41 12 09 03 0b e0 01 0a 96 0a 78 08 49 MDMA.....x.I  
1210: 44 45 42 11 03 0a 14 8a 49 44 45 42 0a 00 47 54 DEB.....IDEB..GT  
1220: 4d 30 8a 49 44 45 42 0a 04 47 54 4d 31 8a 49 44 M0.IDEB..GTM1.ID  
1230: 45 42 0a 08 47 54 4d 32 8a 49 44 45 42 0a 0c 47 EB..GTM2.IDEB..G  
1240: 54 4d 33 8a 49 44 45 42 0a 10 47 54 4d 34 08 50 TM3.IDEB..GTM4.P  
1250: 49 4f 30 0a 04 08 44 4d 41 30 0a 06 08 4d 44 41 IO0...DMA0...MDA

1260: 30 0a 02 08 50 49 4f 31 0a 04 08 44 4d 41 31 0a 0...PIO1...DMA1.  
1270: 06 08 4d 44 41 31 0a 02 08 50 49 4f 32 0a 04 08 ..MDA1...PIO2...  
1280: 44 4d 41 32 0a 06 08 4d 44 41 32 0a 02 08 50 49 DMA2...MDA2...PI  
1290: 4f 33 0a 04 08 44 4d 41 33 0a 06 08 4d 44 41 33 O3...DMA3...MDA3  
12a0: 0a 02 08 46 4c 47 50 0a 1f 08 46 4c 47 53 0a 1f ...FLGP...FLGS..  
12b0: 5b 82 4c 2f 49 44 45 30 08 5f 41 44 52 0a 00 14 [L/IDE0.\_ADR...  
12c0: 40 0c 5f 47 54 4d 00 70 83 88 50 49 4f 54 50 49 @.\_GTM.p..PIOTPI  
12d0: 4f 30 00 60 70 83 88 50 49 4f 54 50 49 4f 31 00 O0.`p..PIOTPIO1.  
12e0: 62 70 0a 1a 64 a0 2c 90 46 4c 47 50 0a 01 a0 11 bp..d.,FLGP....  
12f0: 90 43 41 42 30 53 57 41 50 70 0a 02 44 4d 41 30 .CAB0SWAPp..DMA0  
1300: 70 83 88 55 44 4d 41 44 4d 41 30 00 61 7d 64 0a p..UDMADMA0.a}d.  
1310: 01 64 a1 0e 70 83 88 4d 44 4d 41 4d 44 41 30 00 .d.p..MDMAMDA0.  
1320: 61 a0 2c 90 46 4c 47 50 0a 04 a0 11 90 43 41 42 a.,FLGP.....CAB  
1330: 30 53 57 41 50 70 0a 02 44 4d 41 31 70 83 88 55 0SWAPp..DMA1p..U  
1340: 44 4d 41 44 4d 41 31 00 63 7d 64 0a 04 64 a1 0e DMADMA1.c}d..d..  
1350: 70 83 88 4d 44 4d 41 4d 44 41 31 00 63 70 60 47 p..MDMAMDA1.cp`G  
1360: 54 4d 30 70 61 47 54 4d 31 70 62 47 54 4d 32 70 TM0paGTM1pbGTM2p  
1370: 63 47 54 4d 33 70 64 47 54 4d 34 a4 49 44 45 42 cGTM3pdGTM4.IDEB  
1380: 14 4d 0e 5f 53 54 4d 03 70 68 49 44 45 42 70 47 .M.\_STM.phIDEBpG  
1390: 54 4d 30 60 70 47 54 4d 31 61 70 47 54 4d 32 62 TM0`pGTM1apGTM2b  
13a0: 70 47 54 4d 33 63 70 47 54 4d 34 64 70 64 46 4c pGTM3cpGTM4dpdFL  
13b0: 47 50 a0 20 90 92 93 60 0c ff ff ff ff 92 93 60 GP. ....`.....`  
13c0: 0a 00 70 89 50 49 4f 54 01 60 00 0a 00 0a 00 50 ..p.PIOT.`.....P  
13d0: 49 4f 30 a0 3c 90 92 93 61 0c ff ff ff ff 92 93 IO0.<...a.....  
13e0: 61 0a 00 a0 19 90 46 4c 47 50 0a 01 70 89 55 44 a.....FLGP..pUD  
13f0: 4d 41 01 61 00 0a 00 0a 00 44 4d 41 30 a1 12 70 MA.a.....DMA0..p  
1400: 89 4d 44 4d 41 01 61 00 0a 00 0a 00 4d 44 41 30 .MDMA.a.....MDA0  
1410: a0 20 90 92 93 62 0c ff ff ff ff 92 93 62 0a 00 . ...b.....b..  
1420: 70 89 50 49 4f 54 01 62 00 0a 00 0a 00 50 49 4f p.PIOT.b.....PIO  
1430: 31 a0 3c 90 92 93 63 0c ff ff ff ff 92 93 63 0a 1.<...c.....c.  
1440: 00 a0 19 90 46 4c 47 50 0a 04 70 89 55 44 4d 41 ....FLGP..pUDMA  
1450: 01 63 00 0a 00 0a 00 44 4d 41 31 a1 12 70 89 4d .c.....DMA1..pM  
1460: 44 4d 41 01 63 00 0a 00 0a 00 4d 44 41 31 5b 82 DMA.c.....MDA1[.  
1470: 4e 09 44 52 56 30 08 5f 41 44 52 0a 00 14 40 09 N.DRV0.\_ADR...@.  
1480: 5f 47 54 46 00 70 11 0a 0a 07 03 00 00 00 00 a0 \_GTF.p.....  
1490: ef 60 70 11 0a 0a 07 03 00 00 00 00 a0 ef 61 8c .`p.....a.  
14a0: 60 0a 01 50 49 4f 4d 8c 61 0a 01 44 4d 41 4d 70 `..PIOM.a.DMAMp  
14b0: 50 49 4f 30 50 49 4f 4d 7d 50 49 4f 4d 0a 08 50 PIO0PIOM}PIOM..P  
14c0: 49 4f 4d a0 2e 90 46 4c 47 50 0a 01 70 44 4d 41 IOM...FLGP..pDMA  
14d0: 30 44 4d 41 4d a0 11 90 43 41 42 30 53 57 41 50 0DMAM...CAB0SWAP  
14e0: 70 0a 02 44 4d 41 4d 7d 44 4d 41 4d 0a 40 44 4d p..DMAM}DMAM.@DM  
14f0: 41 4d a1 15 70 4d 44 41 30 44 4d 41 4d 7d 44 4d AM..pMDA0DMAM}DM  
1500: 41 4d 0a 20 44 4d 41 4d 73 60 61 62 a4 62 5b 82 AM. DMAMs`ab.b[.  
1510: 4e 09 44 52 56 31 08 5f 41 44 52 0a 01 14 40 09 N.DRV1.\_ADR...@.  
1520: 5f 47 54 46 00 70 11 0a 0a 07 03 00 00 00 00 b0 \_GTF.p.....  
1530: ef 60 70 11 0a 0a 07 03 00 00 00 00 b0 ef 61 8c .`p.....a.  
1540: 60 0a 01 50 49 4f 4d 8c 61 0a 01 44 4d 41 4d 70 `..PIOM.a.DMAMp  
1550: 50 49 4f 31 50 49 4f 4d 7d 50 49 4f 4d 0a 08 50 PIO1PIOM}PIOM..P  
1560: 49 4f 4d a0 2e 90 46 4c 47 50 0a 04 70 44 4d 41 IOM...FLGP..pDMA  
1570: 31 44 4d 41 4d a0 11 90 43 41 42 30 53 57 41 50 1DMAM...CAB0SWAP  
1580: 70 0a 02 44 4d 41 4d 7d 44 4d 41 4d 0a 40 44 4d p..DMAM}DMAM.@DM  
1590: 41 4d a1 15 70 4d 44 41 31 44 4d 41 4d 7d 44 4d AM..pMDA1DMAM}DM  
15a0: 41 4d 0a 20 44 4d 41 4d 73 60 61 62 a4 62 5b 82 AM. DMAMs`ab.b[.  
15b0: 40 30 49 44 45 31 08 5f 41 44 52 0a 01 14 42 0c @0IDE1.\_ADR...B.  
15c0: 5f 47 54 4d 00 70 83 88 50 49 4f 54 50 49 4f 32 \_GTM.p..PIOTPIO2  
15d0: 00 60 70 83 88 50 49 4f 54 50 49 4f 33 00 62 70 .`p..PIOTPIO3.bp  
15e0: 0a 1a 64 a0 2d 90 46 4c 47 53 0a 01 a0 12 90 43 ..d.-.FLGS.....C  
15f0: 41 42 30 92 53 57 41 50 70 0a 02 44 4d 41 32 70 AB0.SWAPp..DMA2p  
1600: 83 88 55 44 4d 41 44 4d 41 32 00 61 7d 64 0a 01 ..UDMADMA2.a}d..  
1610: 64 a1 0e 70 83 88 4d 44 4d 41 4d 44 41 32 00 61 d.p..MDMAMDA2.a  
1620: a0 2d 90 46 4c 47 53 0a 04 a0 12 90 43 41 42 30 .-.FLGS.....CAB0  
1630: 92 53 57 41 50 70 0a 02 44 4d 41 33 70 83 88 55 .SWAPp..DMA3p..U  
1640: 44 4d 41 44 4d 41 33 00 63 7d 64 0a 04 64 a1 0e DMADMA3.c}d..d..

1650: 70 83 88 4d 44 4d 41 4d 44 41 33 00 63 70 60 47 p..MDMAMDA3.cp`G  
1660: 54 4d 30 70 61 47 54 4d 31 70 62 47 54 4d 32 70 TM0paGTM1pbGTM2p  
1670: 63 47 54 4d 33 70 64 47 54 4d 34 a4 49 44 45 42 cGTM3pdGTM4.IDEB  
1680: 14 4d 0e 5f 53 54 4d 03 70 68 49 44 45 42 70 47 .M.\_STM.phIDEBpG  
1690: 54 4d 30 60 70 47 54 4d 31 61 70 47 54 4d 32 62 TM0`pGTM1apGTM2b  
16a0: 70 47 54 4d 33 63 70 47 54 4d 34 64 70 64 46 4c pGTM3epGTM4dpdFL  
16b0: 47 53 a0 20 90 92 93 60 0c ff ff ff ff 92 93 60 GS. ....`.....`  
16c0: 0a 00 70 89 50 49 4f 54 01 60 00 0a 00 0a 00 50 ..p.PIOT.`.....P  
16d0: 49 4f 32 a0 3c 90 92 93 61 0c ff ff ff ff 92 93 IO2.<...a.....  
16e0: 61 0a 00 a0 19 90 46 4c 47 53 0a 01 70 89 55 44 a.....FLGS..p.UD  
16f0: 4d 41 01 61 00 0a 00 0a 00 44 4d 41 32 a1 12 70 MA.a.....DMA2..p  
1700: 89 4d 44 4d 41 01 61 00 0a 00 0a 00 4d 44 41 32 .MDMA.a.....MDA2  
1710: a0 20 90 92 93 62 0c ff ff ff ff 92 93 62 0a 00 ....b.....b..  
1720: 70 89 50 49 4f 54 01 62 00 0a 00 0a 00 50 49 4f p.PIOT.b.....PIO  
1730: 33 a0 3c 90 92 93 63 0c ff ff ff ff 92 93 63 0a 3.<...c.....c.  
1740: 00 a0 19 90 46 4c 47 53 0a 04 70 89 55 44 4d 41 ....FLGS..p.UDMA  
1750: 01 63 00 0a 00 0a 00 44 4d 41 33 a1 12 70 89 4d .c.....DMA3..p.M  
1760: 44 4d 41 01 63 00 0a 00 0a 00 4d 44 41 33 5b 82 DMA.c.....MDA3[.  
1770: 4f 09 44 52 56 30 08 5f 41 44 52 0a 00 14 41 09 O.DRV0.\_ADR...A.  
1780: 5f 47 54 46 00 70 11 0a 0a 07 03 00 00 00 00 a0 \_GTF.p.....  
1790: ef 60 70 11 0a 0a 07 03 00 00 00 00 a0 ef 61 8c .`p.....a.  
17a0: 60 0a 01 50 49 4f 4d 8c 61 0a 01 44 4d 41 4d 70 `..PIOM.a..DMAMp  
17b0: 50 49 4f 32 50 49 4f 4d 7d 50 49 4f 4d 0a 08 50 PIO2PIOM}PIOM..P  
17c0: 49 4f 4d a0 2f 90 46 4c 47 53 0a 01 70 44 4d 41 IOM./..FLGS..pDMA  
17d0: 32 44 4d 41 4d a0 12 90 43 41 42 30 92 53 57 41 2DMAM...CAB0.SWA  
17e0: 50 70 0a 02 44 4d 41 4d 7d 44 4d 41 4d 0a 40 44 Pp..DMAM}DMAM.@D  
17f0: 4d 41 4d a1 15 70 4d 44 41 32 44 4d 41 4d 7d 44 MAM..pMDA2DMAM}D  
1800: 4d 41 4d 0a 20 44 4d 41 4d 73 60 61 62 a4 62 5b MAM. DMAMs`ab.b[  
1810: 82 4f 09 44 52 56 31 08 5f 41 44 52 0a 01 14 41 .O.DRV1.\_ADR...A  
1820: 09 5f 47 54 46 00 70 11 0a 0a 07 03 00 00 00 00 \_GTF.p.....  
1830: b0 ef 60 70 11 0a 0a 07 03 00 00 00 00 b0 ef 61 ..`p.....a  
1840: 8c 60 0a 01 50 49 4f 4d 8c 61 0a 01 44 4d 41 4d `..PIOM.a..DMAM  
1850: 70 50 49 4f 33 50 49 4f 4d 7d 50 49 4f 4d 0a 08 pPIO3PIOM}PIOM..  
1860: 50 49 4f 4d a0 2f 90 46 4c 47 53 0a 04 70 44 4d PIOM./..FLGS..pDM  
1870: 41 33 44 4d 41 4d a0 12 90 43 41 42 30 92 53 57 A3DMAM...CAB0.SW  
1880: 41 50 70 0a 02 44 4d 41 4d 7d 44 4d 41 4d 0a 40 APp..DMAM}DMAM.@  
1890: 44 4d 41 4d a1 15 70 4d 44 41 33 44 4d 41 4d 7d DMAM..pMDA3DMAM}  
18a0: 44 4d 41 4d 0a 20 44 4d 41 4d 73 60 61 62 a4 62 DMAM. DMAMs`ab.b  
18b0: 14 09 5f 53 54 41 00 a4 0a 0f 14 0e 5f 50 52 57 ..\_STA.....\_PRW  
18c0: 00 a4 12 06 02 0a 09 0a 05 5b 80 50 43 45 33 02 .....[.PCE3.  
18d0: 0a 00 0a ff 10 2f 5c 00 5b 81 2a 5c 2f 04 5f 53 ....^.[.\*V. S  
18e0: 42 5f 50 43 49 30 50 45 58 33 50 43 45 33 01 56 B\_PCI0PEX3PCE3.V  
18f0: 49 44 33 10 00 40 30 52 53 52 33 08 00 40 3e 50 ID3..@0RSR3..@>P  
1900: 4d 43 33 08 08 50 49 43 33 12 47 06 04 12 18 04 MC3..PIC3.G.....  
1910: 0b ff ff 0a 00 5c 2f 03 5f 53 42 5f 50 43 49 30 .....V.\_SB\_PCI0  
1920: 4c 4e 4b 44 0a 00 12 18 04 0b ff ff 0a 01 5c 2f LNKD.....V  
1930: 03 5f 53 42 5f 50 43 49 30 4c 4e 4b 41 0a 00 12 .\_SB\_PCI0LNKA...  
1940: 18 04 0b ff ff 0a 02 5c 2f 03 5f 53 42 5f 50 43 .....V.\_SB\_PC  
1950: 49 30 4c 4e 4b 42 0a 00 12 18 04 0b ff ff 0a 03 I0LNKB.....  
1960: 5c 2f 03 5f 53 42 5f 50 43 49 30 4c 4e 4b 43 0a V.\_SB\_PCI0LNKC.  
1970: 00 08 41 50 49 33 12 32 04 12 0b 04 0b ff ff 0a ..API3.2.....  
1980: 00 0a 00 0a 13 12 0b 04 0b ff ff 0a 01 0a 00 0a .....  
1990: 10 12 0b 04 0b ff ff 0a 02 0a 00 0a 11 12 0b 04 .....  
19a0: 0b ff ff 0a 03 0a 00 0a 12 14 19 5f 50 52 54 00 .....\_PRT.  
19b0: a0 0b 92 50 49 43 46 a4 50 49 43 33 a1 06 a4 41 ..PICF.PIC3...A  
19c0: 50 49 33 5b 82 43 12 50 45 58 34 08 5f 41 44 52 PI3[.C.PEX4.\_ADR  
19d0: 0c 04 00 1c 00 14 09 5f 53 54 41 00 a4 0a 0f 14 .....\_STA.....  
19e0: 0e 5f 50 52 57 00 a4 12 06 02 0a 09 0a 05 5b 80 .\_PRW.....[.  
19f0: 50 43 45 34 02 0a 00 0a ff 10 2f 5c 00 5b 81 2a PCE4.....^.[.\*  
1a00: 5c 2f 04 5f 53 42 5f 50 43 49 30 50 45 58 34 50 V.\_SB\_PCI0PEX4P  
1a10: 43 45 34 01 56 49 44 34 10 00 40 30 52 53 52 34 CE4.VID4..@0RSR4  
1a20: 08 00 40 3e 50 4d 43 34 08 08 50 49 43 34 12 47 ..@>PMC4..PIC4.G  
1a30: 06 04 12 18 04 0b ff ff 0a 00 5c 2f 03 5f 53 42 .....V.\_SB

1a40: 5f 50 43 49 30 4c 4e 4b 43 0a 00 12 18 04 0b ff \_PCI0LNKC.....  
1a50: ff 0a 01 5c 2f 03 5f 53 42 5f 50 43 49 30 4c 4e ...V.\_SB\_PCI0LN  
1a60: 4b 44 0a 00 12 18 04 0b ff ff 0a 02 5c 2f 03 5f KD.....V.\_  
1a70: 53 42 5f 50 43 49 30 4c 4e 4b 41 0a 00 12 18 04 SB\_PCI0LNKA....  
1a80: 0b ff ff 0a 03 5c 2f 03 5f 53 42 5f 50 43 49 30 .....V.\_SB\_PCI0  
1a90: 4c 4e 4b 42 0a 00 08 41 50 49 34 12 32 04 12 0b LNKB...API4.2...  
1aa0: 04 0b ff ff 0a 00 0a 00 0a 10 12 0b 04 0b ff ff .....  
1ab0: 0a 01 0a 00 0a 11 12 0b 04 0b ff ff 0a 02 0a 00 .....  
1ac0: 0a 12 12 0b 04 0b ff ff 0a 03 0a 00 0a 13 14 19 .....  
1ad0: 5f 50 52 54 00 a0 0b 92 50 49 43 46 a4 50 49 43 \_PRT...PICF.PIC  
1ae0: 34 a1 06 a4 41 50 49 34 5b 82 43 12 50 45 58 35 4...API4[C.PEX5  
1af0: 08 5f 41 44 52 0c 05 00 1c 00 14 09 5f 53 54 41 .\_ADR.....\_STA  
1b00: 00 a4 0a 0f 14 0e 5f 50 52 57 00 a4 12 06 02 0a .....\_PRW.....  
1b10: 09 0a 05 5b 80 50 43 45 35 02 0a 00 0a ff 10 2f ...[.PCE5...../  
1b20: 5c 00 5b 81 2a 5c 2f 04 5f 53 42 5f 50 43 49 30 \[\*V.\_SB\_PCI0  
1b30: 50 45 58 35 50 43 45 35 01 56 49 44 35 10 00 40 PEX5PCE5.VID5..@  
1b40: 30 52 53 52 35 08 00 40 3e 50 4d 43 35 08 08 50 0RSR5..@>PMC5..P  
1b50: 49 43 35 12 47 06 04 12 18 04 0b ff ff 0a 00 5c IC5.G.....\  
1b60: 2f 03 5f 53 42 5f 50 43 49 30 4c 4e 4b 44 0a 00 /.\_SB\_PCI0LNKD..  
1b70: 12 18 04 0b ff ff 0a 01 5c 2f 03 5f 53 42 5f 50 .....V.\_SB\_P  
1b80: 43 49 30 4c 4e 4b 41 0a 00 12 18 04 0b ff ff 0a CI0LNKA.....  
1b90: 02 5c 2f 03 5f 53 42 5f 50 43 49 30 4c 4e 4b 42 .V.\_SB\_PCI0LNKB  
1ba0: 0a 00 12 18 04 0b ff ff 0a 03 5c 2f 03 5f 53 42 .....V.\_SB  
1bb0: 5f 50 43 49 30 4c 4e 4b 43 0a 00 08 41 50 49 35 \_PCI0LNKC...API5  
1bc0: 12 32 04 12 0b 04 0b ff ff 0a 00 0a 00 0a 11 12 .2.....  
1bd0: 0b 04 0b ff ff 0a 01 0a 00 0a 12 12 0b 04 0b ff .....  
1be0: ff 0a 02 0a 00 0a 13 12 0b 04 0b ff ff 0a 03 0a .....  
1bf0: 00 0a 10 14 19 5f 50 52 54 00 a0 0b 92 50 49 43 .....\_PRT...PIC  
1c00: 46 a4 50 49 43 35 a1 06 a4 41 50 49 35 5b 82 45 F.PIC5...API5[E  
1c10: 2e 48 55 42 30 08 5f 41 44 52 0c 00 00 1e 00 14 .HUB0.\_ADR.....  
1c20: 09 5f 53 54 41 00 a4 0a 0f 08 50 49 43 4d 12 43 .\_STA.....PICM.C  
1c30: 1b 10 12 1a 04 0c ff ff 05 00 0a 00 5c 2f 03 5f .....V.\_  
1c40: 53 42 5f 50 43 49 30 4c 4e 4b 30 0a 00 12 1a 04 SB\_PCI0LNK0.....  
1c50: 0c ff ff 05 00 0a 01 5c 2f 03 5f 53 42 5f 50 43 .....V.\_SB\_PC  
1c60: 49 30 4c 4e 4b 31 0a 00 12 1a 04 0c ff ff 05 00 I0LNK1.....  
1c70: 0a 02 5c 2f 03 5f 53 42 5f 50 43 49 30 4c 4e 4b .V.\_SB\_PCI0LNK  
1c80: 45 0a 00 12 1a 04 0c ff ff 05 00 0a 03 5c 2f 03 E.....V.  
1c90: 5f 53 42 5f 50 43 49 30 4c 4e 4b 46 0a 00 12 1a \_SB\_PCI0LNKF....  
1ca0: 04 0c ff ff 06 00 0a 00 5c 2f 03 5f 53 42 5f 50 .....V.\_SB\_P  
1cb0: 43 49 30 4c 4e 4b 31 0a 00 12 1a 04 0c ff ff 06 CI0LNK1.....  
1cc0: 00 0a 01 5c 2f 03 5f 53 42 5f 50 43 49 30 4c 4e ...V.\_SB\_PCI0LN  
1cd0: 4b 30 0a 00 12 1a 04 0c ff ff 06 00 0a 02 5c 2f K0.....V  
1ce0: 03 5f 53 42 5f 50 43 49 30 4c 4e 4b 46 0a 00 12 .\_SB\_PCI0LNKF...  
1cf0: 1a 04 0c ff ff 06 00 0a 03 5c 2f 03 5f 53 42 5f .....V.\_SB\_  
1d00: 50 43 49 30 4c 4e 4b 45 0a 00 12 1a 04 0c ff ff PCI0LNKE.....  
1d10: 01 00 0a 00 5c 2f 03 5f 53 42 5f 50 43 49 30 4c .....V.\_SB\_PCI0L  
1d20: 4e 4b 45 0a 00 12 1a 04 0c ff ff 01 00 0a 01 5c NKE.....\  
1d30: 2f 03 5f 53 42 5f 50 43 49 30 4c 4e 4b 46 0a 00 /.\_SB\_PCI0LNKF..  
1d40: 12 1a 04 0c ff ff 01 00 0a 02 5c 2f 03 5f 53 42 .....V.\_SB  
1d50: 5f 50 43 49 30 4c 4e 4b 30 0a 00 12 1a 04 0c ff \_PCI0LNK0.....  
1d60: ff 01 00 0a 03 5c 2f 03 5f 53 42 5f 50 43 49 30 .....V.\_SB\_PCI0  
1d70: 4c 4e 4b 31 0a 00 12 1a 04 0c ff ff 02 00 0a 00 LNK1.....  
1d80: 5c 2f 03 5f 53 42 5f 50 43 49 30 4c 4e 4b 46 0a V.\_SB\_PCI0LNKF.  
1d90: 00 12 1a 04 0c ff ff 02 00 0a 01 5c 2f 03 5f 53 .....V.\_S  
1da0: 42 5f 50 43 49 30 4c 4e 4b 30 0a 00 12 1a 04 0c B\_PCI0LNK0.....  
1db0: ff ff 02 00 0a 02 5c 2f 03 5f 53 42 5f 50 43 49 .....V.\_SB\_PCI  
1dc0: 30 4c 4e 4b 31 0a 00 12 1a 04 0c ff ff 02 00 0a 0LNK1.....  
1dd0: 03 5c 2f 03 5f 53 42 5f 50 43 49 30 4c 4e 4b 45 .V.\_SB\_PCI0LNKE  
1de0: 0a 00 08 41 50 49 43 12 43 0e 10 12 0d 04 0c ff ...APIC.C.....  
1df0: ff 05 00 0a 00 0a 00 0a 16 12 0d 04 0c ff ff 05 .....  
1e00: 00 0a 01 0a 00 0a 17 12 0d 04 0c ff ff 05 00 0a .....  
1e10: 02 0a 00 0a 14 12 0d 04 0c ff ff 05 00 0a 03 0a .....  
1e20: 00 0a 15 12 0d 04 0c ff ff 06 00 0a 00 0a 00 0a .....

1e30: 17 12 0d 04 0c ff ff 06 00 0a 01 0a 00 0a 16 12 .....  
1e40: 0d 04 0c ff ff 06 00 0a 02 0a 00 0a 15 12 0d 04 .....  
1e50: 0c ff ff 06 00 0a 03 0a 00 0a 14 12 0d 04 0c ff .....  
1e60: ff 01 00 0a 00 0a 00 0a 14 12 0d 04 0c ff ff 01 .....  
1e70: 00 0a 01 0a 00 0a 15 12 0d 04 0c ff ff 01 00 0a .....  
1e80: 02 0a 00 0a 16 12 0d 04 0c ff ff 01 00 0a 03 0a .....  
1e90: 00 0a 17 12 0d 04 0c ff ff 02 00 0a 00 0a 00 0a .....  
1ea0: 15 12 0d 04 0c ff ff 02 00 0a 01 0a 00 0a 16 12 .....  
1eb0: 0d 04 0c ff ff 02 00 0a 02 0a 00 0a 17 12 0d 04 .....  
1ec0: 0c ff ff 02 00 0a 03 0a 00 0a 14 14 19 5f 50 52 .....\_PR  
1ed0: 54 00 a0 0b 92 50 49 43 46 a4 50 49 43 4d a1 06 T....PICF.PICM..  
1ee0: a4 41 50 49 43 14 0e 5f 50 52 57 00 a4 12 06 02 .APIC...PRW....  
1ef0: 0a 0b 0a 05 5b 82 8f 71 01 50 58 34 30 08 5f 41 ....[.q.PX40\_A  
1f00: 44 52 0c 00 00 1f 00 5b 80 50 52 45 56 02 0a 08 DR.....[.PREV...  
1f10: 0a 01 10 1f 5c 00 5b 81 1a 5c 2f 04 5f 53 42 5f ...\.V.\_SB\_  
1f20: 50 43 49 30 50 58 34 30 50 52 45 56 01 52 45 56 PCI0PX40PREV.REV  
1f30: 30 08 5b 80 50 49 52 51 02 0a 60 0a 04 10 2e 5c 0.[.PIRQ.`....\  
1f40: 00 5b 81 29 5c 2f 04 5f 53 42 5f 50 43 49 30 50 [.])V.\_SB\_PCI0P  
1f50: 58 34 30 50 49 52 51 01 50 49 52 41 08 50 49 52 X40PIRQ.PIRA.PIR  
1f60: 42 08 50 49 52 43 08 50 49 52 44 08 5b 80 50 49 B.PIRC.PIRD.[.PI  
1f70: 52 32 02 0a 68 0a 04 10 2e 5c 00 5b 81 29 5c 2f R2.h....[.])V  
1f80: 04 5f 53 42 5f 50 43 49 30 50 58 34 30 50 49 52 .\_SB\_PCI0PX40PIR  
1f90: 32 01 50 49 52 45 08 50 49 52 46 08 50 49 52 47 2.PIRE.PIRF.PIRG  
1fa0: 08 50 49 52 48 08 5b 80 4c 50 49 4f 02 0a 80 0a .PIRH.[.LPIO....  
1fb0: 0e 10 49 22 5c 00 5b 81 3d 5c 2f 04 5f 53 42 5f ..I"\".[.=V.\_SB\_  
1fc0: 50 43 49 30 50 58 34 30 4c 50 49 4f 01 55 41 49 PCI0PX40LPIO.UAI  
1fd0: 4f 08 50 52 49 4f 08 4c 50 45 31 08 4c 50 45 32 O.PRIO.LPE1.LPE2  
1fe0: 08 47 4e 31 4c 08 47 4e 31 48 08 47 4e 32 4c 08 .GN1L.GN1H.GN2L.  
1ff0: 47 4e 32 48 08 14 4e 07 44 49 53 44 01 a0 10 93 GN2H..N.DISD....  
2000: 68 0a 00 7b 4c 50 45 31 0a fe 4c 50 45 31 a0 10 h..{LPE1..LPE1..  
2010: 93 68 0a 01 7b 4c 50 45 31 0a fd 4c 50 45 31 a0 .h..{LPE1..LPE1..  
2020: 10 93 68 0a 02 7b 4c 50 45 31 0a fb 4c 50 45 31 ..h..{LPE1..LPE1..  
2030: a0 10 93 68 0a 03 7b 4c 50 45 31 0a f7 4c 50 45 ...h..{LPE1..LPE1..  
2040: 31 a0 10 93 68 0a 04 7b 4c 50 45 32 0a fc 4c 50 1...h..{LPE2..LP  
2050: 45 32 a0 10 93 68 0a 05 7b 4c 50 45 31 0a df 4c E2...h..{LPE1..L  
2060: 50 45 31 a0 10 93 68 0a 06 7b 47 4e 32 4c 0a fe PE1...h..{GN2L..  
2070: 47 4e 32 4c 14 46 16 43 4b 49 4f 02 a0 45 05 93 GN2L.F.CKIO..E..  
2080: 69 0a 00 7d 4c 50 45 31 0a 01 4c 50 45 31 7b 55 i..}LPE1..LPE1{U  
2090: 41 49 4f 0a f0 60 a0 0e 93 68 0b f8 03 7d 60 0a AIO..`...h...}`.  
20a0: 00 55 41 49 4f a0 0e 93 68 0b f8 02 7d 60 0a 01 .UAIO...h...}`..  
20b0: 55 41 49 4f a0 0e 93 68 0b e8 02 7d 60 0a 05 55 UAIO...h...}`..U  
20c0: 41 49 4f a0 0e 93 68 0b e8 03 7d 60 0a 07 55 41 AIO...h...}`..UA  
20d0: 49 4f a0 45 05 93 69 0a 01 7d 4c 50 45 31 0a 02 IO.E..i..}LPE1..  
20e0: 4c 50 45 31 7b 55 41 49 4f 0a 0f 60 a0 0e 93 68 LPE1{UAIO..`...h  
20f0: 0b f8 03 7d 60 0a 00 55 41 49 4f a0 0e 93 68 0b ...}`..UAIO...h..  
2100: f8 02 7d 60 0a 10 55 41 49 4f a0 0e 93 68 0b e8 ..}`..UAIO...h..  
2110: 02 7d 60 0a 50 55 41 49 4f a0 0e 93 68 0b e8 03 .}`.PUAIO...h...  
2120: 7d 60 0a 70 55 41 49 4f a0 46 04 93 69 0a 02 7d }`.pUAIO.F..i..}  
2130: 4c 50 45 31 0a 04 4c 50 45 31 7b 50 52 49 4f 0a LPE1..LPE1{PRIO.  
2140: fc 60 a0 0e 93 68 0b 78 03 7d 60 0a 00 50 52 49 .`...h.x.}`..PRI  
2150: 4f a0 0e 93 68 0b 78 02 7d 60 0a 01 50 52 49 4f O...h.x.}`..PRIO  
2160: a0 0e 93 68 0b bc 03 7d 60 0a 02 50 52 49 4f a0 ...h...}`..PRIO.  
2170: 10 93 69 0a 03 7d 4c 50 45 31 0a 08 4c 50 45 31 .i..}LPE1..LPE1  
2180: a0 29 93 69 0a 04 a0 11 93 68 0b 01 02 7d 4c 50 .).i....h...}LP  
2190: 45 32 0a 01 4c 50 45 32 a0 11 93 68 0b 09 02 7d E2..LPE2...h...}  
21a0: 4c 50 45 32 0a 02 4c 50 45 32 a0 30 93 69 0a 06 LPE2..LPE2.0.i..  
21b0: a0 1c 92 93 68 0b ff ff 7b 68 0a ff 60 7d 60 0a ....h...{h..}`.  
21c0: 01 47 4e 32 4c 7a 68 0a 08 47 4e 32 48 a1 0d 70 .GN2Lzh..GN2H..p  
21d0: 00 47 4e 32 48 70 00 47 4e 32 4c 10 0a 5c 00 14 .GN2Hp.GN2L..\..  
21e0: 06 53 4c 44 4d 02 10 1d 5c 00 5b 80 5c 53 43 50 .SLDM...\[.SCP  
21f0: 50 01 0a b2 0a 01 5b 81 0c 5c 53 43 50 50 01 53 P.....[.SCP.P.S  
2200: 4d 49 50 08 14 4e 0b 5c 2f 03 5f 53 42 5f 50 43 MIP..N.V.\_SB\_PC  
2210: 49 30 5f 49 4e 49 00 a0 24 53 54 52 43 5c 5f 4f I0\_INI..\$STRC\\_O

2220: 53 5f 0d 4d 69 63 72 6f 73 6f 66 74 20 57 69 6e S\_ Microsoft Win  
2230: 64 6f 77 73 00 70 0a 56 53 4d 49 50 a1 46 08 a0 dows.p.VSMIP.F..  
2240: 4c 06 53 54 52 43 5c 5f 4f 53 5f 0d 4d 69 63 72 L.STRC\ OS \_Mier  
2250: 6f 73 6f 66 74 20 57 69 6e 64 6f 77 73 20 4e 54 osoft Windows NT  
2260: 00 a0 33 5b 12 5c 5f 4f 53 49 60 a0 29 5c 5f 4f ..3[\ OSF .)\\_O  
2270: 53 49 0d 57 69 6e 64 6f 77 73 20 32 30 30 31 00 SI.Windows 2001.  
2280: 70 0a 59 53 4d 49 50 70 0a 00 4f 53 46 4c 70 0a p.YSMIPp.OSFLp.  
2290: 03 4f 53 46 58 a1 16 70 0a 58 53 4d 49 50 70 0a .OSFX.p.XSMIPp.  
22a0: 00 4f 53 46 58 70 0a 00 4f 53 46 4c a1 16 70 0a .OSFXp.OSFL.p.  
22b0: 57 53 4d 49 50 70 0a 02 4f 53 46 58 70 0a 02 4f WSMIPp.OSFXp.O  
22c0: 53 46 4c 10 4c 04 5c 00 14 47 04 4f 53 54 50 00 SFL.L.\.G.OSTP.  
22d0: a0 0f 93 4f 53 46 58 0a 01 70 0a 56 53 4d 49 50 ...OSFX.p.VSMIP  
22e0: a0 0f 93 4f 53 46 58 0a 02 70 0a 57 53 4d 49 50 ...OSFX.p.WSMIP  
22f0: a0 0f 93 4f 53 46 58 0a 00 70 0a 58 53 4d 49 50 ...OSFX.p.XSMIP  
2300: a0 0f 93 4f 53 46 58 0a 03 70 0a 59 53 4d 49 50 ...OSFX.p.YSMIP  
2310: 5b 82 43 08 53 59 53 52 08 5f 48 49 44 0c 41 d0 [.C.SYSR\_ HID.A.  
2320: 0c 02 08 5f 55 49 44 0a 01 08 5f 43 52 53 11 46 ...UID... CRS.F  
2330: 06 0a 62 47 01 10 00 10 00 01 10 47 01 22 00 22 ..bG.....G.."  
2340: 00 01 1e 47 01 44 00 44 00 01 1c 47 01 62 00 62 ...G.D.D...G.b.b  
2350: 00 01 02 47 01 65 00 65 00 01 0b 47 01 74 00 74 ...G.e.e...G.t.t  
2360: 00 01 0c 47 01 91 00 91 00 01 03 47 01 a2 00 a2 ...G.....G....  
2370: 00 01 1e 47 01 e0 00 e0 00 01 10 47 01 d0 04 d0 ...G.....G....  
2380: 04 01 02 47 01 90 02 90 02 01 80 47 01 80 08 80 ...G.....G....  
2390: 08 01 10 79 00 5b 82 2b 50 49 43 5f 08 5f 48 49 ...y.[.+PIC\_ \_HI  
23a0: 44 0b 41 d0 08 5f 43 52 53 11 18 0a 15 47 01 20 D.A.\_ CRS...G.  
23b0: 00 20 00 01 02 47 01 a0 00 a0 00 01 02 22 04 00 ...G....."  
23c0: 79 00 5b 82 3d 44 4d 41 31 08 5f 48 49 44 0c 41 y.[.=DMA1\_ HID.A  
23d0: d0 02 00 08 5f 43 52 53 11 28 0a 25 2a 10 04 47 .... CRS.(%\*..G  
23e0: 01 00 00 00 00 01 10 47 01 80 00 80 00 01 11 47 .....G.....G  
23f0: 01 94 00 94 00 01 0c 47 01 c0 00 c0 00 01 20 79 .....G..... y  
2400: 00 5b 82 25 54 4d 52 5f 08 5f 48 49 44 0c 41 d0 [.%TMR\_ \_HID.A.  
2410: 01 00 08 5f 43 52 53 11 10 0a 0d 47 01 40 00 40 ... CRS...G.@.@  
2420: 00 01 04 22 01 00 79 00 5b 82 25 52 54 43 5f 08 ...".y.[.%RTC\_  
2430: 5f 48 49 44 0c 41 d0 0b 00 08 5f 43 52 53 11 10 \_HID.A... CRS..  
2440: 0a 0d 47 01 70 00 70 00 04 04 22 00 01 79 00 5b ..G.p.p..."y.[  
2450: 82 22 53 50 4b 52 08 5f 48 49 44 0c 41 d0 08 00 ."SPKR\_ HID.A...  
2460: 08 5f 43 52 53 11 0d 0a 0a 47 01 61 00 61 00 01 \_ CRS...G.a.a..  
2470: 01 79 00 5b 82 25 43 4f 50 52 08 5f 48 49 44 0c .y.[.%COPR\_ \_HID.  
2480: 41 d0 0c 04 08 5f 43 52 53 11 10 0a 0d 47 01 f0 A... CRS...G..  
2490: 00 f0 00 01 10 22 00 20 79 00 10 4a 1c 5c 00 5b .....".y..J.\[  
24a0: 80 57 49 4e 31 01 0a 2e 0a 02 5b 81 10 57 49 4e .WIN1.....[.WIN  
24b0: 31 01 49 4e 44 50 08 44 41 54 41 08 5b 86 41 0b 1.INDP.DATA.[.A.  
24c0: 49 4e 44 50 44 41 54 41 01 00 10 43 46 47 5f 08 INDPDATA...CFG\_  
24d0: 00 20 4c 44 4e 5f 08 00 40 0c 49 44 48 49 08 49 .LDN\_@.IDHII  
24e0: 44 4c 4f 08 50 4f 57 43 08 00 48 06 41 43 54 52 DLO.POWC..H.ACTR  
24f0: 08 00 48 17 49 4f 41 48 08 49 4f 41 4c 08 49 4f ..H.IOAH.IOAL.IO  
2500: 32 48 08 49 4f 32 4c 08 00 40 06 49 4e 54 52 08 2H.IO2L\_@.INTR.  
2510: 00 08 49 4e 54 31 08 00 08 44 4d 43 48 08 00 48 ..INT1...DMCH..H  
2520: 35 43 52 45 30 08 43 52 45 31 08 43 52 45 32 08 5CRE0.CRE1.CRE2.  
2530: 43 52 45 33 08 43 52 45 34 08 00 48 05 4f 50 54 CRE3.CRE4..H.OPT  
2540: 31 08 4f 50 54 32 08 4f 50 54 33 08 4f 50 54 34 1.OPT2.OPT3.OPT4  
2550: 08 4f 50 54 35 08 4f 50 54 36 08 4f 50 54 37 08 .OPT5.OPT6.OPT7.  
2560: 4f 50 54 38 08 4f 50 54 39 08 4f 50 54 41 08 14 OPT8.OPT9.OPTA..  
2570: 14 45 4e 46 47 00 70 0a 87 49 4e 44 50 70 0a 87 .ENFG.p..INDPp..  
2580: 49 4e 44 50 14 0d 45 58 46 47 00 70 0a aa 49 4e INDP..EXFG.p..IN  
2590: 44 50 14 45 06 45 57 42 50 00 45 4e 46 47 70 0a DP.E.EWBP.ENFGp.  
25a0: 0a 4c 44 4e 5f 70 0a 00 4f 50 54 41 70 0a 00 4f .LDN\_p..OPTAp..O  
25b0: 50 54 37 70 0a ff 4f 50 54 34 70 0a ff 4f 50 54 PT7p..OPT4p..OPT  
25c0: 35 70 43 52 45 30 60 7d 60 0a 63 60 70 60 43 52 5pCRE0`}`.c`p`CR  
25d0: 45 30 70 43 52 45 34 60 7d 60 0a 8c 60 70 60 43 E0pCRE4`}`..`p`C  
25e0: 52 45 34 70 41 43 54 52 60 7d 60 0a 01 60 70 60 RE4pACTR`}`..`p`  
25f0: 41 43 54 52 45 58 46 47 14 4c 06 44 57 42 50 00 ACTREXFG.L.DWBP.  
2600: 45 4e 46 47 70 0a 0a 4c 44 4e 5f 70 0a 00 4f 50 ENFGp..LDN\_p..OP



2610: 54 41 70 0a 00 4f 50 54 37 70 0a 00 4f 50 54 38 TAp..OPT7p..OPT8  
2620: 70 0a ff 4f 50 54 34 70 0a ff 4f 50 54 35 70 43 p..OPT4p..OPT5pC  
2630: 52 45 30 60 7b 60 0a 9c 60 70 60 43 52 45 30 70 RE0`{`..`p`CRE0p  
2640: 43 52 45 34 60 7b 60 0a 73 60 70 60 43 52 45 34 CRE4`{`.s`p`CRE4  
2650: 70 41 43 54 52 60 7b 60 0a fe 60 70 60 41 43 54 pACTR`{`..`p`ACT  
2660: 52 45 58 46 47 5b 80 43 4f 4d 31 01 0b f8 03 0a REXFG[.COM1.....  
2670: 08 5b 81 2e 43 4f 4d 31 01 50 33 46 38 08 50 33 [..COM1.P3F8.P3  
2680: 46 39 08 50 33 46 41 08 50 33 46 42 08 50 33 46 F9.P3FA.P3FB.P3F  
2690: 43 08 50 33 46 44 08 50 33 46 45 08 50 33 46 46 C.P3FD.P3FE.P3FF  
26a0: 08 5b 80 43 4f 4d 32 01 0b f8 02 0a 08 5b 81 2e [..COM2.....[..  
26b0: 43 4f 4d 32 01 50 32 46 38 08 50 32 46 39 08 50 COM2.P2F8.P2F9.P  
26c0: 32 46 41 08 50 32 46 42 08 50 32 46 43 08 50 32 2FA.P2FB.P2FC.P2  
26d0: 46 44 08 50 32 46 45 08 50 32 46 46 08 5b 80 43 FD.P2FE.P2FF.[.C  
26e0: 4f 4d 33 01 0b e8 03 0a 08 5b 81 2e 43 4f 4d 33 OM3.....[..COM3  
26f0: 01 50 33 45 38 08 50 33 45 39 08 50 33 45 41 08 .P3E8.P3E9.P3EA.  
2700: 50 33 45 42 08 50 33 45 43 08 50 33 45 44 08 50 P3EB.P3EC.P3ED.P  
2710: 33 45 45 08 50 33 45 46 08 5b 80 43 4f 4d 34 01 3EE.P3EF.[.COM4.  
2720: 0b e8 02 0a 08 5b 81 2e 43 4f 4d 34 01 50 32 45 .....[..COM4.P2E  
2730: 38 08 50 32 45 39 08 50 32 45 41 08 50 32 45 42 8.P2E9.P2EA.P2EB  
2740: 08 50 32 45 43 08 50 32 45 44 08 50 32 45 45 08 .P2EC.P2ED.P2EE.  
2750: 50 32 45 46 08 14 4a 0b 49 43 4f 4d 01 70 68 60 P2EF..J.ICOM.ph`  
2760: a0 29 93 60 0b f8 03 70 50 33 46 44 60 70 50 33 ..)`..pP3FD`pP3  
2770: 46 44 60 70 0a c3 50 33 46 41 a2 0f 92 93 50 33 FD`p..P3FA....P3  
2780: 46 41 0a c1 70 50 33 46 45 60 a1 45 08 a0 29 93 FA..pP3FE`.E..).  
2790: 60 0b f8 02 70 50 32 46 44 60 70 50 32 46 44 60 `...pP2FD`pP2FD`  
27a0: 70 0a c3 50 32 46 41 a2 0f 92 93 50 32 46 41 0a p..P2FA....P2FA.  
27b0: c1 70 50 32 46 45 60 a1 48 05 a0 29 93 60 0b e8 .pP2FE`.H..).`..  
27c0: 03 70 50 33 45 44 60 70 50 33 45 44 60 70 0a c3 .pP3ED`pP3ED`p..  
27d0: 50 33 45 41 a2 0f 92 93 50 33 45 41 0a c1 70 50 P3EA....P3EA..pP  
27e0: 33 45 45 60 a1 2b a0 29 93 60 0b e8 02 70 50 32 3EE`.+..).`..pP2  
27f0: 45 44 60 70 50 32 45 44 60 70 0a c3 50 32 45 41 ED`pP2ED`p..P2EA  
2800: a2 0f 92 93 50 32 45 41 0a c1 70 50 32 45 45 60 ....P2EA..pP2EE`  
2810: 5b 82 46 15 46 44 43 30 08 5f 48 49 44 0c 41 d0 [.F.FDC0.\_HID.A.  
2820: 07 00 14 3a 5f 53 54 41 00 45 4e 46 47 70 00 4c ...: \_STA.ENFGp.L  
2830: 44 4e 5f a0 0c 41 43 54 52 45 58 46 47 a4 0a 0f DN`...ACTREXFG...  
2840: a1 1c a0 11 91 49 4f 41 48 49 4f 41 4c 45 58 46 .....IOAHIOALEXF  
2850: 47 a4 0a 0d a1 08 45 58 46 47 a4 0a 00 14 2b 5f G.....EXFG....+\_  
2860: 44 49 53 00 45 4e 46 47 70 0a 00 4c 44 4e 5f 70 DIS.ENFGp..LDN\_p  
2870: 00 41 43 54 52 53 4c 44 4d 44 4d 43 48 0a 04 45 .ACTRSLDMDMCH..E  
2880: 58 46 47 44 49 53 44 0a 03 14 41 06 5f 43 52 53 XFGDISD...A.\_CRS  
2890: 00 08 42 55 46 30 11 1b 0a 18 47 01 f0 03 f0 03 ..BUF0....G.....  
28a0: 01 06 47 01 f7 03 f7 03 01 01 22 40 00 2a 04 00 ..G....."@.\*..  
28b0: 79 00 8c 42 55 46 30 0a 02 49 4f 4c 4f 8c 42 55 y..BUF0..IOLO.BU  
28c0: 46 30 0a 03 49 4f 48 49 8c 42 55 46 30 0a 04 49 F0..IOHI.BUF0..I  
28d0: 4f 52 4c 8c 42 55 46 30 0a 05 49 4f 52 48 45 4e ORL.BUF0..IORHEN  
28e0: 46 47 45 58 46 47 a4 42 55 46 30 08 5f 50 52 53 FGEXFG.BUF0.\_PRS  
28f0: 11 1d 0a 1a 30 47 01 f0 03 f0 03 01 06 47 01 f7 ....G.....G..  
2900: 03 f7 03 01 01 22 40 00 2a 04 00 38 79 00 14 49 ....."@.\*..8y..I  
2910: 05 5f 53 52 53 01 8c 68 0a 02 49 4f 4c 4f 8c 68 .\_SRS..h..IOLO.h  
2920: 0a 03 49 4f 48 49 8b 68 0a 02 49 4f 41 44 8b 68 ..IOHI.h..IOAD.h  
2930: 0a 19 49 52 51 4c 8c 68 0a 1c 44 4d 41 56 45 4e ..IRQL.h..DMAVEN  
2940: 46 47 70 00 4c 44 4e 5f 70 01 41 43 54 52 53 4c FGp.LDN\_p.ACTRSL  
2950: 44 4d 44 4d 43 48 44 4d 43 48 45 58 46 47 43 4b DMDMCHDMCHEXFGCK  
2960: 49 4f 49 4f 41 44 0a 03 5b 82 46 1b 55 41 52 31 IOIOAD..[.F.UAR1  
2970: 08 5f 48 49 44 0c 41 d0 05 01 08 5f 55 49 44 0a .\_HID.A....\_UID.  
2980: 01 14 3f 5f 53 54 41 00 45 4e 46 47 70 0a 02 4c ...? \_STA.ENFGp..L  
2990: 44 4e 5f a0 0c 41 43 54 52 45 58 46 47 a4 0a 0f DN`...ACTREXFG...  
29a0: a1 1c a0 11 91 49 4f 41 48 49 4f 41 4c 45 58 46 .....IOAHIOALEXF  
29b0: 47 a4 0a 0d a1 08 45 58 46 47 a4 0a 00 45 58 46 G.....EXFG...EXF  
29c0: 47 14 21 5f 44 49 53 00 45 4e 46 47 70 0a 02 4c G.!\_DIS.ENFGp..L  
29d0: 44 4e 5f 70 00 41 43 54 52 45 58 46 47 44 49 53 DN`\_p.ACTREXFGDIS  
29e0: 44 0a 00 14 49 09 5f 43 52 53 00 08 42 55 46 31 D...I.\_CRS..BUF1  
29f0: 11 10 0a 0d 47 01 00 00 00 01 08 22 00 00 79 ....G.....".y

2a00: 00 8c 42 55 46 31 0a 02 49 4f 4c 4f 8c 42 55 46 ..BUF1..IOLO.BUF  
2a10: 31 0a 03 49 4f 48 49 8c 42 55 46 31 0a 04 49 4f 1..IOHI.BUF1..IO  
2a20: 52 4c 8c 42 55 46 31 0a 05 49 4f 52 48 8b 42 55 RL.BUF1..IORH.BU  
2a30: 46 31 0a 09 49 52 51 57 45 4e 46 47 70 0a 02 4c F1..IRQWENFGp..L  
2a40: 44 4e 5f 70 49 4f 41 4c 49 4f 4c 4f 70 49 4f 41 DN\_pIOALIOLOpIOA  
2a50: 4c 49 4f 52 4c 70 49 4f 41 48 49 4f 48 49 70 49 LIORLpIOAHIOHIpI  
2a60: 4f 41 48 49 4f 52 48 70 01 60 79 60 49 4e 54 52 OAHIORHp.`y`INTR  
2a70: 49 52 51 57 45 58 46 47 a4 42 55 46 31 08 5f 50 IRQWEXFG.BUF1..P  
2a80: 52 53 11 36 0a 33 30 47 01 f8 03 f8 03 01 08 22 RS.6.30G....."  
2a90: b8 1e 30 47 01 f8 02 f8 02 01 08 22 b8 1e 30 47 ..0G.....".0G  
2aa0: 01 e8 03 e8 03 01 08 22 b8 1e 30 47 01 e8 02 e8 .....".0G....  
2ab0: 02 01 08 22 b8 1e 38 79 00 14 46 06 5f 53 52 53 ...".8y..F..SRS  
2ac0: 01 8c 68 0a 02 49 4f 4c 4f 8c 68 0a 03 49 4f 48 ..h..IOLO.h..IOH  
2ad0: 49 8b 68 0a 02 49 4f 41 44 8b 68 0a 09 49 52 51 I.h..IOAD.h..IRQ  
2ae0: 57 45 4e 46 47 70 0a 02 4c 44 4e 5f 70 01 41 43 WENFGp..LDN\_p.AC  
2af0: 54 52 70 49 4f 4c 4f 49 4f 41 4c 70 49 4f 48 49 TRpIOLOIOALpIOHI  
2b00: 49 4f 41 48 82 49 52 51 57 60 74 60 0a 01 49 4e IOAH.IRQW`t`..IN  
2b10: 54 52 45 58 46 47 43 4b 49 4f 49 4f 41 44 0a 00 TREXFGCKIOIOAD..  
2b20: 5b 82 49 1d 55 41 52 32 08 5f 48 49 44 0c 41 d0 [.I.UAR2..HID.A.  
2b30: 05 01 08 5f 55 49 44 0a 02 14 44 05 5f 53 54 41 ...\_UID...D..STA  
2b40: 00 45 4e 46 47 70 0a 03 4c 44 4e 5f 7b 4f 50 54 .ENFGp..LDN\_{OPT  
2b50: 32 0a 30 60 a0 30 92 93 60 0a 10 a0 0c 41 43 54 2.0`.0.`.....ACT  
2b60: 52 45 58 46 47 a4 0a 0f a1 1c a0 11 91 49 4f 41 REXFG.....IOA  
2b70: 48 49 4f 41 4c 45 58 46 47 a4 0a 0d a1 08 45 58 HIOALEXFG.....EX  
2b80: 46 47 a4 0a 00 a1 08 45 58 46 47 a4 0a 00 14 2f FG.....EXFG.../  
2b90: 5f 44 49 53 00 45 4e 46 47 70 0a 03 4c 44 4e 5f \_DIS.ENFGp..LDN\_  
2ba0: 7b 4f 50 54 32 0a 38 60 a0 0b 93 60 0a 00 70 00 {OPT2.8`....`.p.  
2bb0: 41 43 54 52 45 58 46 47 44 49 53 44 0a 01 14 49 ACTREXFGDISD...I  
2bc0: 09 5f 43 52 53 00 08 42 55 46 32 11 10 0a 0d 47 .\_CRS..BUF2....G  
2bd0: 01 00 00 00 00 01 08 22 10 00 79 00 8c 42 55 46 .....".y..BUF  
2be0: 32 0a 02 49 4f 4c 4f 8c 42 55 46 32 0a 03 49 4f 2..IOLO.BUF2..IO  
2bf0: 48 49 8c 42 55 46 32 0a 04 49 4f 52 4c 8c 42 55 HI.BUF2..IORL.BU  
2c00: 46 32 0a 05 49 4f 52 48 8b 42 55 46 32 0a 09 49 F2..IORH.BUF2..I  
2c10: 52 51 57 45 4e 46 47 70 0a 03 4c 44 4e 5f 70 49 RQWENFGp..LDN\_pI  
2c20: 4f 41 4c 49 4f 4c 4f 70 49 4f 41 4c 49 4f 52 4c OALIOLOpIOALIORL  
2c30: 70 49 4f 41 48 49 4f 48 49 70 49 4f 41 48 49 4f pIOAHIOHIpIOAHIO  
2c40: 52 48 70 01 60 79 60 49 4e 54 52 49 52 51 57 45 RHp.`y`INTRIRQWE  
2c50: 58 46 47 a4 42 55 46 32 08 5f 50 52 53 11 36 0a XFG.BUF2..PRS.6.  
2c60: 33 30 47 01 f8 03 f8 03 01 08 22 b8 1e 30 47 01 30G.....".0G.  
2c70: f8 02 f8 02 01 08 22 b8 1e 30 47 01 e8 03 e8 03 .....".0G.....  
2c80: 01 08 22 b8 1e 30 47 01 e8 02 e8 02 01 08 22 b8 ...".0G.....".  
2c90: 1e 38 79 00 14 46 06 5f 53 52 53 01 8c 68 0a 02 .8y..F..SRS..h..  
2ca0: 49 4f 4c 4f 8c 68 0a 03 49 4f 48 49 8b 68 0a 02 IOLO.h..IOHI.h..  
2cb0: 49 4f 41 44 8b 68 0a 09 49 52 51 57 45 4e 46 47 IOAD.h..IRQWENFG  
2cc0: 70 0a 03 4c 44 4e 5f 70 01 41 43 54 52 70 49 4f p..LDN\_p.ACTRpIO  
2cd0: 4c 4f 49 4f 41 4c 70 49 4f 48 49 49 4f 41 48 82 LOIOALpIOHIOAH.  
2ce0: 49 52 51 57 60 74 60 0a 01 49 4e 54 52 45 58 46 IRQW`t`..INTREXF  
2cf0: 47 43 4b 49 4f 49 4f 41 44 0a 01 5b 82 4c 1d 49 GCKIOIOAD..[.L.I  
2d00: 52 44 41 08 5f 48 49 44 0c 41 d0 05 10 14 43 05 RDA..HID.A....C.  
2d10: 5f 53 54 41 00 45 4e 46 47 70 0a 03 4c 44 4e 5f \_STA.ENFGp..LDN\_  
2d20: 7b 4f 50 54 32 0a 30 60 a0 2f 93 60 0a 10 a0 0c {OPT2.0`./`.....  
2d30: 41 43 54 52 45 58 46 47 a4 0a 0f a1 1c a0 11 91 ACTREXFG.....  
2d40: 49 4f 41 48 49 4f 41 4c 45 58 46 47 a4 0a 0d a1 IOAHIOALEXFG....  
2d50: 08 45 58 46 47 a4 0a 00 a1 08 45 58 46 47 a4 0a .EXFG.....EXFG..  
2d60: 00 14 3c 5f 44 49 53 00 a0 32 93 44 49 53 45 0a ..<\_DIS..2.DISE.  
2d70: 01 45 4e 46 47 70 0a 03 4c 44 4e 5f 7b 4f 50 54 .ENFGp..LDN\_{OPT  
2d80: 32 0a 38 60 a0 0c 92 93 60 0a 00 70 00 41 43 54 2.8`....`.p.ACT  
2d90: 52 45 58 46 47 44 49 53 44 0a 01 70 60 60 14 47 REXFGDISD..p`.G  
2da0: 09 5f 43 52 53 00 08 42 55 46 34 11 10 0a 0d 47 .\_CRS..BUF4....G  
2db0: 01 00 00 00 01 08 22 00 00 79 00 8c 42 55 46 .....".y..BUF  
2dc0: 34 0a 02 49 4f 4c 4f 8c 42 55 46 34 0a 03 49 4f 4..IOLO.BUF4..IO  
2dd0: 48 49 8c 42 55 46 34 0a 04 49 4f 52 4c 8c 42 55 HI.BUF4..IORL.BU  
2de0: 46 34 0a 05 49 4f 52 48 8b 42 55 46 34 0a 09 49 F4..IORH.BUF4..I

2df0: 52 51 57 45 4e 46 47 70 0a 03 4c 44 4e 5f 70 49 RQWENFGp..LDN\_pl  
2e00: 4f 41 4c 49 4f 4c 4f 70 49 4f 41 4c 49 4f 52 4c OALIOLOpIOALIORL  
2e10: 70 49 4f 41 48 49 4f 48 49 70 49 4f 41 48 49 4f pIOAHIOHIpIOAHIO  
2e20: 52 48 79 0a 01 49 4e 54 52 49 52 51 57 45 58 46 RHy..INTRIRQWEXF  
2e30: 47 a4 42 55 46 34 08 5f 50 52 53 11 36 0a 33 30 G.BUF4..PRS.6.30  
2e40: 47 01 f8 03 f8 03 01 08 22 b8 1e 30 47 01 f8 02 G.....".0G...  
2e50: f8 02 01 08 22 b8 1e 30 47 01 e8 03 e8 03 01 08 ....".0G.....  
2e60: 22 b8 1e 30 47 01 e8 02 e8 02 01 08 22 b8 1e 38 "...0G.....".8  
2e70: 79 00 14 46 06 5f 53 52 53 01 8c 68 0a 02 49 4f y..F..SRS..h..IO  
2e80: 4c 4f 8c 68 0a 03 49 4f 48 49 8b 68 0a 02 49 4f LO.h..IOHl.h..IO  
2e90: 41 44 8b 68 0a 09 49 52 51 57 45 4e 46 47 70 0a AD.h..IRQWENFGp.  
2ea0: 03 4c 44 4e 5f 70 01 41 43 54 52 70 49 4f 4c 4f .LDN\_p.ACTRpIOLO  
2eb0: 49 4f 41 4c 70 49 4f 48 49 49 4f 41 48 82 49 52 IOALpIOHIOAH.IR  
2ec0: 51 57 60 74 60 0a 01 49 4e 54 52 45 58 46 47 43 QW`t`..INTREXFGC  
2ed0: 4b 49 4f 49 4f 41 44 0a 01 5b 82 4d 26 4c 50 54 KIOIOAD..[.M&LPT  
2ee0: 31 08 5f 48 49 44 0c 41 d0 04 00 14 44 05 5f 53 1..HID.A....D..S  
2ef0: 54 41 00 45 4e 46 47 70 0a 01 4c 44 4e 5f 7b 4f TA.ENFGp..LDN\_{O  
2f00: 50 54 31 0a 02 60 a0 30 92 93 60 0a 02 a0 0c 41 PT1..`.0.`....A  
2f10: 43 54 52 45 58 46 47 a4 0a 0f a1 1c a0 11 91 49 CTREXFG.....I  
2f20: 4f 41 48 49 4f 41 4c 45 58 46 47 a4 0a 0d a1 08 OAHIOALEXFG.....  
2f30: 45 58 46 47 a4 0a 00 a1 08 45 58 46 47 a4 0a 00 EXFG.....EXFG...  
2f40: 14 21 5f 44 49 53 00 45 4e 46 47 70 0a 01 4c 44 .!\_DIS.ENFGp..LD  
2f50: 4e 5f 70 00 41 43 54 52 45 58 46 47 44 49 53 44 N\_p.ACTREXFGDISD  
2f60: 0a 02 14 42 12 5f 43 52 53 00 08 42 55 46 35 11 ...B..CRS..BUF5.  
2f70: 18 0a 15 47 01 00 00 00 01 08 47 01 00 00 00 ...G.....G....  
2f80: 00 01 04 22 00 00 79 00 8c 42 55 46 35 0a 02 49 ...".y..BUF5..I  
2f90: 4f 4c 4f 8c 42 55 46 35 0a 03 49 4f 48 49 8c 42 OLO.BUF5..IOHI.B  
2fa0: 55 46 35 0a 04 49 4f 52 4c 8c 42 55 46 35 0a 05 UF5..IORL.BUF5..  
2fb0: 49 4f 52 48 8c 42 55 46 35 0a 07 49 4f 4c 45 8c IORH.BUF5..IOLE..  
2fc0: 42 55 46 35 0a 0a 49 4f 32 31 8c 42 55 46 35 0a BUF5..IO21.BUF5..  
2fd0: 0b 49 4f 32 32 8c 42 55 46 35 0a 0c 49 4f 32 33 .IO22.BUF5..IO23  
2fe0: 8c 42 55 46 35 0a 0d 49 4f 32 34 8b 42 55 46 35 .BUF5..IO24.BUF5  
2ff0: 0a 11 49 52 51 57 45 4e 46 47 70 0a 01 4c 44 4e ..IRQWENFGp..LDN  
3000: 5f 70 49 4f 41 4c 49 4f 4c 4f 70 49 4f 4c 4f 49 \_pIOALIOLOpIOLOI  
3010: 4f 52 4c 70 49 4f 41 48 49 4f 48 49 70 49 4f 48 ORLpIOAHIOHIpIOH  
3020: 49 49 4f 52 48 70 49 4f 41 4c 49 4f 32 31 70 49 IIORHpIOALIO21pl  
3030: 4f 41 4c 49 4f 32 33 72 49 4f 41 48 0a 04 49 4f OALIO23rIOAH..IO  
3040: 32 32 72 49 4f 41 48 0a 04 49 4f 32 34 a0 0f 93 22rIOAH..IO24...  
3050: 49 4f 4c 4f 0a bc 70 0a 04 49 4f 4c 45 a1 08 70 IOLO..p..IOLE..p  
3060: 0a 08 49 4f 4c 45 70 01 60 70 49 4e 54 52 65 79 ..IOLEp.`pINTRey  
3070: 60 65 49 52 51 57 70 01 41 43 54 52 45 58 46 47 `eIRQWp.ACTREXFG  
3080: a4 42 55 46 35 08 5f 50 52 53 11 43 04 0a 3f 30 .BUF5..PRS.C..?0  
3090: 47 01 78 03 78 03 01 08 47 01 78 07 78 07 01 04 G.x.x...G.x.x...  
30a0: 22 b8 1e 30 47 01 78 02 78 02 01 08 47 01 78 06 "...0G.x.x...G.x.  
30b0: 78 06 01 04 22 b8 1e 30 47 01 bc 03 bc 03 01 04 x..."0G.....  
30c0: 47 01 bc 07 bc 07 01 04 22 b8 1e 38 79 00 14 49 G.....".8y..I  
30d0: 07 5f 53 52 53 01 8c 68 0a 02 49 4f 4c 4f 8c 68 .\_SRS..h..IOLO.h  
30e0: 0a 03 49 4f 48 49 8b 68 0a 02 49 4f 41 44 8c 68 ..IOHl.h..IOAD.h  
30f0: 0a 04 49 4f 52 4c 8c 68 0a 05 49 4f 52 48 8b 68 ..IORL.h..IORH.h  
3100: 0a 11 49 52 51 57 45 4e 46 47 70 0a 01 4c 44 4e ..IRQWENFGp..LDN  
3110: 5f 70 01 41 43 54 52 70 49 4f 4c 4f 49 4f 41 4c \_p.ACTRpIOLOIOAL  
3120: 70 49 4f 48 49 49 4f 41 48 81 49 52 51 57 60 74 pIOHIOAH.IRQW`t  
3130: 60 0a 01 60 70 60 49 4e 54 52 45 58 46 47 43 4b `..`p`INTREXFGCK  
3140: 49 4f 49 4f 41 44 0a 02 5b 82 43 2b 45 43 50 31 IOIOAD..[.C+ECPI  
3150: 08 5f 48 49 44 0c 41 d0 04 01 14 43 05 5f 53 54 .\_HID.A....C..ST  
3160: 41 00 45 4e 46 47 70 0a 01 4c 44 4e 5f 7b 4f 50 A.ENFGp..LDN\_{OP  
3170: 54 31 0a 02 60 a0 2f 93 60 0a 02 a0 0c 41 43 54 T1..`./`....ACT  
3180: 52 45 58 46 47 a4 0a 0f a1 1c a0 11 91 49 4f 41 REXFG.....IOA  
3190: 48 49 4f 41 4c 45 58 46 47 a4 0a 0d a1 08 45 58 HIOALEXFG.....EX  
31a0: 46 47 a4 0a 00 a1 05 45 58 46 47 a4 0a 00 14 2b FG.....EXFG....+  
31b0: 5f 44 49 53 00 45 4e 46 47 70 0a 01 4c 44 4e 5f \_DIS.ENFGp..LDN\_  
31c0: 70 00 41 43 54 52 53 4c 44 4d 44 4d 43 48 0a 04 p.ACTRSLDMDMCH..  
31d0: 45 58 46 47 44 49 53 44 0a 02 14 41 14 5f 43 52 EXFGDISD...A..CR

31e0: 53 00 08 42 55 46 36 11 1b 0a 18 47 01 00 00 00 S..BUF6....G....  
31f0: 00 01 08 47 01 00 00 00 01 04 22 00 00 2a 00 ...G....."\*.  
3200: 00 79 00 8c 42 55 46 36 0a 02 49 4f 4c 4f 8c 42 .y..BUF6..IOLO.B  
3210: 55 46 36 0a 03 49 4f 48 49 8c 42 55 46 36 0a 04 UF6..IOHI.BUF6..  
3220: 49 4f 52 4c 8c 42 55 46 36 0a 05 49 4f 52 48 8c IORL.BUF6..IORH.  
3230: 42 55 46 36 0a 0a 49 4f 45 4c 8c 42 55 46 36 0a BUF6..IOEL.BUF6..  
3240: 0b 49 4f 45 48 8c 42 55 46 36 0a 0c 49 4f 4d 4c .IOEH.BUF6..IOML  
3250: 8c 42 55 46 36 0a 0d 49 4f 4d 48 8c 42 55 46 36 .BUF6..IOMH.BUF6  
3260: 0a 07 49 4f 4c 45 8b 42 55 46 36 0a 11 49 52 51 ..IOLE.BUF6..IRQ  
3270: 57 8c 42 55 46 36 0a 14 44 4d 41 43 45 4e 46 47 W.BUF6..DMACENFG  
3280: 70 0a 01 4c 44 4e 5f 70 01 41 43 54 52 70 49 4f p..LDN\_p.ACTRpIO  
3290: 41 4c 62 70 62 49 4f 4c 4f 70 49 4f 41 48 63 70 ALbpbIOLOpIOAHcp  
32a0: 63 49 4f 48 49 7d 63 0a 04 63 70 63 49 4f 45 48 cIOHI}c..cpCIOEH  
32b0: 70 63 49 4f 4d 48 70 49 4f 4c 4f 49 4f 52 4c 70 pcIOMHpIOLOIORLp  
32c0: 49 4f 4c 4f 49 4f 45 4c 70 49 4f 4c 4f 49 4f 4d IOLOIOELpIOLOIOM  
32d0: 4c 70 49 4f 48 49 49 4f 52 48 a0 0f 93 49 4f 4c LpIOHIIORH...IOL  
32e0: 4f 0a bc 70 0a 04 49 4f 4c 45 a1 08 70 0a 08 49 O..p..IOLE..p..I  
32f0: 4f 4c 45 70 01 60 70 49 4e 54 52 65 79 60 65 49 OLEp.`pINTRey`eI  
3300: 52 51 57 70 01 60 70 44 4d 43 48 65 79 60 65 44 RQWp.`pDMCHey`eD  
3310: 4d 41 43 45 58 46 47 a4 42 55 46 36 08 5f 50 52 MACEXFG.BUF6.\_PR  
3320: 53 11 4c 04 0a 48 30 47 01 78 03 78 03 01 08 47 S.L..H0G.x.x...G  
3330: 01 78 07 78 07 01 04 22 b8 1e 2a 0b 00 30 47 01 .x.x..."\*.0G.  
3340: 78 02 78 02 01 08 47 01 78 06 78 06 01 04 22 b8 x.x...G.x.x...".  
3350: 1e 2a 0b 00 30 47 01 bc 03 bc 03 01 04 47 01 bc \*.0G.....G..  
3360: 07 bc 07 01 04 22 b8 1e 2a 0b 00 38 79 00 14 4e .....".\*.8y..N  
3370: 08 5f 53 52 53 01 8c 68 0a 02 49 4f 4c 4f 8c 68 .\_SRS..h..IOLO.h  
3380: 0a 03 49 4f 48 49 8b 68 0a 02 49 4f 41 44 8b 68 ..IOHI.h..IOAD.h  
3390: 0a 11 49 52 51 57 8c 68 0a 14 44 4d 41 43 45 4e ..IRQW.h..DMACEN  
33a0: 46 47 70 0a 01 4c 44 4e 5f 70 01 41 43 54 52 70 FGp..LDN\_p.ACTRp  
33b0: 49 4f 4c 4f 49 4f 41 4c 70 49 4f 48 49 49 4f 41 IOLOIOALpIOHIIOA  
33c0: 48 81 49 52 51 57 60 74 60 0a 01 60 70 60 49 4e H.IRQW`t`..`p`IN  
33d0: 54 52 81 44 4d 41 43 61 70 44 4d 43 48 60 74 61 TR.DMACapDMCH`ta  
33e0: 0a 01 44 4d 43 48 53 4c 44 4d 60 44 4d 43 48 45 ..DMCHSLDM`DMCHE  
33f0: 58 46 47 43 4b 49 4f 49 4f 41 44 0a 02 5b 80 4b XFGCKIOIAD..[.K  
3400: 42 43 54 01 0a 60 0a 05 5b 81 12 4b 42 43 54 01 BCT..`..[.KBCT.  
3410: 50 30 36 30 08 00 18 50 30 36 34 08 5b 82 4f 08 P060...P064.[.O.  
3420: 50 53 32 4d 08 5f 48 49 44 0c 41 d0 0f 13 14 17 PS2M.\_HID.A.....  
3430: 5f 53 54 41 00 a0 0b 93 50 53 32 46 0a 00 a4 0a \_STA....PS2F....  
3440: 0f a1 04 a4 0a 00 14 46 06 5f 43 52 53 00 08 42 .....F.\_CRS..B  
3450: 55 46 31 11 08 0a 05 22 00 10 79 00 08 42 55 46 UF1....".y..BUF  
3460: 32 11 18 0a 15 47 01 60 00 60 00 01 01 47 01 64 2....G.`...G.d  
3470: 00 64 00 01 01 22 00 10 79 00 a0 2b 93 4b 42 44 .d..."..y..+KBD  
3480: 49 0a 01 a0 0d 93 4f 53 46 4c 0a 02 a4 42 55 46 I....OSFL...BUF  
3490: 31 a0 0d 93 4f 53 46 4c 0a 01 a4 42 55 46 31 a1 1...OSFL...BUF1.  
34a0: 06 a4 42 55 46 32 a1 06 a4 42 55 46 31 5b 82 40 ..BUF2..BUF1[.@  
34b0: 05 50 53 32 4b 08 5f 48 49 44 0c 41 d0 03 03 08 .PS2K.\_HID.A....  
34c0: 5f 43 49 44 0c 41 d0 03 0b 14 17 5f 53 54 41 00 \_CID.A.....\_STA.  
34d0: a0 0b 93 4b 42 44 49 0a 01 a4 0a 00 a1 04 a4 0a ...KBDI.....  
34e0: 0f 08 5f 43 52 53 11 18 0a 15 47 01 60 00 60 00 ..\_CRS....G.`.`.  
34f0: 01 01 47 01 64 00 64 00 01 01 22 02 00 79 00 5b ..G.d.d..."..y.[  
3500: 82 4c 06 50 53 4d 52 08 5f 48 49 44 0c 41 d0 0c .L.PSMR.\_HID.A..  
3510: 02 08 5f 55 49 44 0a 03 14 39 5f 53 54 41 00 a0 ..\_UID...9\_STA..  
3520: 0b 93 4b 42 44 49 0a 00 a4 0a 00 a0 23 93 50 53 ..KBDI.....#PS  
3530: 32 46 0a 00 a0 0b 93 4f 53 46 4c 0a 02 a4 0a 0f 2F....OSFL.....  
3540: a0 0b 93 4f 53 46 4c 0a 01 a4 0a 0f a4 0a 00 a4 ...OSFL.....  
3550: 0a 00 08 5f 43 52 53 11 15 0a 12 47 01 60 00 60 ...\_CRS....G.`.`.  
3560: 00 01 01 47 01 64 00 64 00 01 01 79 00 10 47 04 ...G.d.d...y..G.  
3570: 5c 00 14 42 04 53 41 4c 44 01 a0 09 93 68 0a 00 \.B.SALD....h..  
3580: 70 0a 00 60 a0 09 93 68 0a 01 70 0a 80 60 a0 09 p.`...h..p.`..  
3590: 93 68 0a 03 70 0a c0 60 a0 0b 93 68 0a 04 7f 0a .h..p.`...h....  
35a0: 00 0a 40 60 a0 0b 93 68 0a 05 7f 0a 00 0a 40 60 ..@`...h.....@`  
35b0: 53 4c 45 44 60 10 28 5c 00 14 24 53 4c 45 44 01 SLED`(\. \$\$LED.  
35c0: 45 4e 46 47 70 0a 09 4c 44 4e 5f 7b 4f 50 54 34 ENFGp..LDN\_{OPT4

35d0: 0a 3f 60 7d 60 68 4f 50 54 34 45 58 46 47 5b 82 .?}`hOPT4EXFG[.  
35e0: 35 50 4d 49 4f 08 5f 48 49 44 0c 41 d0 0c 02 08 5PMIO.\_HID.A....  
35f0: 5f 55 49 44 0a 02 14 1e 5f 43 52 53 00 08 42 55 \_UID....\_CRS..BU  
3600: 46 30 11 0d 0a 0a 47 01 00 04 00 04 01 c0 79 00 F0....G.....y.  
3610: a4 42 55 46 30 5b 82 1e 49 47 42 45 08 5f 41 44 .BUF0[.IGBE.\_AD  
3620: 52 0c 00 00 19 00 14 0e 5f 50 52 57 00 a4 12 06 R.....\_PRW....  
3630: 02 0a 0d 0a 05 5b 82 31 55 53 42 30 08 5f 41 44 .....[.1USB0.\_AD  
3640: 52 0c 00 00 1d 00 14 15 5f 53 33 44 00 a0 0b 93 R.....\_S3D....  
3650: 4f 53 46 4c 0a 02 a4 0a 02 a4 0a 03 08 5f 50 52 OSFL.....\_PR  
3660: 57 12 06 02 0a 03 0a 03 5b 82 31 55 53 42 31 08 W.....[.1USB1.  
3670: 5f 41 44 52 0c 01 00 1d 00 14 15 5f 53 33 44 00 \_ADR.....\_S3D.  
3680: a0 0b 93 4f 53 46 4c 0a 02 a4 0a 02 a4 0a 03 08 ...OSFL.....  
3690: 5f 50 52 57 12 06 02 0a 04 0a 03 5b 82 31 55 53 \_PRW.....[.1US  
36a0: 42 32 08 5f 41 44 52 0c 02 00 1d 00 14 15 5f 53 B2.\_ADR.....\_S  
36b0: 33 44 00 a0 0b 93 4f 53 46 4c 0a 02 a4 0a 02 a4 3D....OSFL.....  
36c0: 0a 03 08 5f 50 52 57 12 06 02 0a 0c 0a 03 5b 82 ...\_PRW.....[.  
36d0: 31 55 53 42 33 08 5f 41 44 52 0c 00 00 1a 00 14 1USB3.\_ADR.....  
36e0: 15 5f 53 33 44 00 a0 0b 93 4f 53 46 4c 0a 02 a4 .\_S3D....OSFL...  
36f0: 0a 02 a4 0a 03 08 5f 50 52 57 12 06 02 0a 0e 0a .....\_PRW.....  
3700: 03 5b 82 31 55 53 42 34 08 5f 41 44 52 0c 01 00 [.1USB4.\_ADR...  
3710: 1a 00 14 15 5f 53 33 44 00 a0 0b 93 4f 53 46 4c ....\_S3D....OSFL  
3720: 0a 02 a4 0a 02 a4 0a 03 08 5f 50 52 57 12 06 02 .....\_PRW...  
3730: 0a 05 0a 03 5b 82 31 55 53 42 36 08 5f 41 44 52 ....[.1USB6.\_ADR  
3740: 0c 07 00 1d 00 14 15 5f 53 33 44 00 a0 0b 93 4f .....\_S3D....O  
3750: 53 46 4c 0a 02 a4 0a 02 a4 0a 03 08 5f 50 52 57 SFL.....\_PRW  
3760: 12 06 02 0a 0d 0a 03 5b 82 31 55 53 42 37 08 5f .....[.1USB7.\_  
3770: 41 44 52 0c 07 00 1a 00 14 15 5f 53 33 44 00 a0 ADR.....\_S3D..  
3780: 0b 93 4f 53 46 4c 0a 02 a4 0a 02 a4 0a 03 08 5f ..OSFL.....  
3790: 50 52 57 12 06 02 0a 0d 0a 03 5b 82 42 2a 49 44 PRW.....[.B\*ID  
37a0: 45 30 08 5f 41 44 52 0c 02 00 1f 00 5b 80 50 43 E0.\_ADR....[.PC  
37b0: 49 5f 02 0a 40 0a 20 5b 81 43 05 50 43 49 5f 03 I...@...[.C.PCI\_  
37c0: 49 54 4d 30 10 49 54 4d 31 10 53 49 54 30 04 53 ITM0.ITM1.SIT0.S  
37d0: 49 54 31 04 00 18 55 44 43 30 02 55 44 43 31 02 IT1...UDC0.UDC1.  
37e0: 00 0c 55 44 54 30 08 55 44 54 31 08 00 40 04 49 ..UDT0.UDT1..@.I  
37f0: 43 46 30 02 49 43 46 31 02 00 06 57 50 50 45 01 CF0.ICF1...WPPE.  
3800: 00 01 46 41 53 30 02 46 41 53 31 02 5b 82 47 11 ..FAS0.FAS1.[.G.  
3810: 50 52 49 4d 08 5f 41 44 52 0a 00 14 26 5f 47 54 PRIM.\_ADR...&\_GT  
3820: 4d 00 70 47 54 4d 5f 49 54 4d 30 53 49 54 30 55 M.pGTM\_ITM0SIT0U  
3830: 44 43 30 55 44 54 30 49 43 46 30 46 41 53 30 60 DC0UDT0ICF0FAS0`  
3840: a4 60 14 44 06 5f 53 54 4d 03 70 53 54 4d 5f 68 `.`D.\_STM.pSTM\_h  
3850: 69 6a 60 8a 60 0a 00 49 54 4d 5f 8a 60 0a 04 53 ij`..`ITM\_`..S  
3860: 49 54 5f 8a 60 0a 08 55 44 43 5f 8a 60 0a 0c 55 IT\_`..UDC\_`..U  
3870: 44 54 5f 8a 60 0a 10 49 43 46 5f 8a 60 0a 14 46 DT\_`..ICF\_`..F  
3880: 41 53 5f 70 55 44 43 5f 55 44 43 30 70 55 44 54 AS\_pUDC\_UDC0pUDT  
3890: 5f 55 44 54 30 70 49 43 46 5f 49 43 46 30 70 46 \_UDT0pICF\_ICF0pF  
38a0: 41 53 5f 46 41 53 30 5b 82 3d 44 52 56 30 08 5f AS\_FAS0[.=DRV0.\_  
38b0: 41 44 52 0a 00 08 48 31 35 46 00 14 2a 5f 47 54 ADR...H15F..\*\_GT  
38c0: 46 00 70 47 54 46 30 49 54 4d 30 53 49 54 30 55 F.pGTF0ITM0SIT0U  
38d0: 44 43 30 55 44 54 30 49 43 46 30 48 31 35 46 46 DC0UDT0ICF0H15FF  
38e0: 41 53 30 60 a4 60 5b 82 3d 44 52 56 31 08 5f 41 AS0`.]=[.DRV1.\_A  
38f0: 44 52 0a 01 08 48 31 35 46 00 14 2a 5f 47 54 46 DR...H15F..\*\_GTF  
3900: 00 70 47 54 46 31 49 54 4d 30 53 49 54 30 55 44 .pGTF1ITM0SIT0UD  
3910: 43 30 55 44 54 30 49 43 46 30 48 31 35 46 46 41 C0UDT0ICF0H15FFA  
3920: 53 30 60 a4 60 5b 82 47 11 53 45 43 44 08 5f 41 S0`.]=[.G.SECD.\_A  
3930: 44 52 0a 01 14 26 5f 47 54 4d 00 70 47 54 4d 5f DR...&\_GTM.pGTM\_  
3940: 49 54 4d 31 53 49 54 31 55 44 43 31 55 44 54 31 ITM1SIT1UDC1UDT1  
3950: 49 43 46 31 46 41 53 31 60 a4 60 14 44 06 5f 53 ICF1FAS1`.D.\_S  
3960: 54 4d 03 70 53 54 4d 5f 68 69 6a 60 8a 60 0a 00 TM.pSTM\_hij`..`  
3970: 49 54 4d 5f 8a 60 0a 04 53 49 54 5f 8a 60 0a 08 ITM\_`..SIT\_`..`  
3980: 55 44 43 5f 8a 60 0a 0c 55 44 54 5f 8a 60 0a 10 UDC\_`..UDT\_`..`  
3990: 49 43 46 5f 8a 60 0a 14 46 41 53 5f 70 55 44 43 ICF\_`..FAS\_pUDC  
39a0: 5f 55 44 43 31 70 55 44 54 5f 55 44 54 31 70 49 \_UDC1pUDT\_UDT1pI  
39b0: 43 46 5f 49 43 46 31 70 46 41 53 5f 46 41 53 31 CF\_ICF1pFAS\_FAS1

39c0: 5b 82 3d 44 52 56 30 08 5f 41 44 52 0a 00 08 48 [=DRV0.\_ADR...H  
39d0: 31 35 46 00 14 2a 5f 47 54 46 00 70 47 54 46 30 15F..\*\_GTF.pGTF0  
39e0: 49 54 4d 31 53 49 54 31 55 44 43 31 55 44 54 31 ITM1SIT1UDC1UDT1  
39f0: 49 43 46 31 48 31 35 46 46 41 53 31 60 a4 60 5b ICF1H15FFAS1`. `[  
3a00: 82 3d 44 52 56 31 08 5f 41 44 52 0a 01 08 48 31 .=DRV1.\_ADR...H1  
3a10: 35 46 00 14 2a 5f 47 54 46 00 70 47 54 46 31 49 5F..\*\_GTF.pGTF1I  
3a20: 54 4d 31 53 49 54 31 55 44 43 31 55 44 54 31 49 TM1SIT1UDC1UDT1I  
3a30: 43 46 31 48 31 35 46 46 41 53 31 60 a4 60 5b 82 CF1H15FFAS1`. `[.  
3a40: 4b 18 49 44 45 31 08 5f 41 44 52 0c 05 00 1f 00 K.IDE1.\_ADR.....  
3a50: 5b 80 50 43 49 5f 02 0a 40 0a 20 5b 81 45 05 50 [.PCI\_..@.].E.P  
3a60: 43 49 5f 03 49 54 4d 30 10 49 54 4d 31 10 53 49 CI\_ITM0.ITM1.SI  
3a70: 54 30 04 53 49 54 31 04 00 18 55 44 43 30 01 00 T0.SIT1...UDC0..  
3a80: 01 55 44 43 31 01 00 0d 55 44 54 30 08 55 44 54 .UDC1...UDT0.UDT  
3a90: 31 08 00 40 04 49 43 46 30 02 49 43 46 31 02 00 1..@.ICF0.ICF1..  
3aa0: 06 57 50 50 45 01 00 01 46 41 53 30 02 46 41 53 .WPPE...FAS0.FAS  
3ab0: 31 02 5b 82 47 11 50 52 49 4d 08 5f 41 44 52 0a 1.[.G.PRIM.\_ADR.  
3ac0: 00 14 26 5f 47 54 4d 00 70 47 54 4d 5f 49 54 4d ..&\_GTM.pGTM\_ITM  
3ad0: 30 53 49 54 30 55 44 43 30 55 44 54 30 49 43 46 0SIT0UDC0UDT0ICF  
3ae0: 30 46 41 53 30 60 a4 60 14 44 06 5f 53 54 4d 03 0FAS0`.D.\_STM.  
3af0: 70 53 54 4d 5f 68 69 6a 60 8a 60 0a 00 49 54 4d pSTM\_hij`.ITM  
3b00: 5f 8a 60 0a 04 53 49 54 5f 8a 60 0a 08 55 44 43 \_`.SIT`.\_.UDC  
3b10: 5f 8a 60 0a 0c 55 44 54 5f 8a 60 0a 10 49 43 46 \_`.UDT`.\_.ICF  
3b20: 5f 8a 60 0a 14 46 41 53 5f 70 55 44 43 5f 55 44 \_`.FAS\_pUDC\_UD  
3b30: 43 30 70 55 44 54 5f 55 44 54 30 70 49 43 46 5f C0pUDT\_UDT0pICF\_  
3b40: 49 43 46 30 70 46 41 53 5f 46 41 53 30 5b 82 3d ICF0pFAS\_FAS0[.=  
3b50: 44 52 56 30 08 5f 41 44 52 0a 00 08 48 31 35 46 DRV0.\_ADR...H15F  
3b60: 00 14 2a 5f 47 54 46 00 70 47 54 46 30 49 54 4d .\*\_GTF.pGTF0ITM  
3b70: 30 53 49 54 30 55 44 43 30 55 44 54 30 49 43 46 0SIT0UDC0UDT0ICF  
3b80: 30 48 31 35 46 46 41 53 30 60 a4 60 5b 82 3d 44 0H15FFAS0`. [=D  
3b90: 52 56 31 08 5f 41 44 52 0a 01 08 48 31 35 46 00 RV1.\_ADR...H15F.  
3ba0: 14 2a 5f 47 54 46 00 70 47 54 46 31 49 54 4d 30 .\*\_GTF.pGTF1ITM0  
3bb0: 53 49 54 30 55 44 43 30 55 44 54 30 49 43 46 30 SIT0UDC0UDT0ICF0  
3bc0: 48 31 35 46 46 41 53 30 60 a4 60 14 47 1c 47 54 H15FFAS0`.G.GT  
3bd0: 4d 5f 06 70 11 03 0a 14 60 8a 60 0a 00 50 49 4f M\_p....`.PIO  
3be0: 30 8a 60 0a 04 44 4d 41 30 8a 60 0a 08 50 49 4f 0`.DMA0`.PIO  
3bf0: 31 8a 60 0a 0c 44 4d 41 31 8a 60 0a 10 46 4c 41 1`.DMA1`.FLA  
3c00: 47 70 0a 10 46 4c 41 47 a0 15 91 7b 68 0a 08 00 Gp..FLAG...{h...  
3c10: 92 7b 68 0a 01 00 70 0b 84 03 50 49 4f 30 a1 23 .{h...p...PIO0.#  
3c20: 72 7a 7b 68 0b 00 03 00 0a 08 00 7a 7b 68 0b 00 rz{h.....z{h..  
3c30: 30 00 0a 0c 00 61 77 74 0a 09 61 00 0a 1e 50 49 0....awt..a...PI  
3c40: 4f 30 a0 3f 91 90 68 0b 00 40 90 6a 0a 01 a0 15 00.?.h..@.j....  
3c50: 91 7b 68 0a 80 00 92 7b 68 0a 10 00 70 0b 84 03 .{h....{h...p...  
3c60: 50 49 4f 31 a1 1d 72 7b 69 0a 03 00 7a 7b 69 0a PIO1.r{i..z{i.  
3c70: 0c 00 0a 02 00 61 77 74 0a 09 61 00 0a 1e 50 49 .....awt..a...PI  
3c80: 4f 31 a1 0a 70 50 49 4f 30 50 49 4f 31 a0 38 7b O1..pPIO0PIO1.8{  
3c90: 6a 0a 01 00 74 0a 04 7b 6b 0a 03 00 61 a0 0d 7b j...t..{k...a..{  
3ca0: 6d 0a 01 00 70 0a 14 44 4d 41 30 a1 1a a0 0e 7b m...p..DMA0....{  
3cb0: 6c 0a 01 00 77 61 0a 0f 44 4d 41 30 a1 09 77 61 l...wa..DMA0..wa  
3cc0: 0a 1e 44 4d 41 30 a1 0a 70 50 49 4f 30 44 4d 41 ..DMA0..pPIO0DMA  
3cd0: 30 a0 44 05 91 90 68 0b 00 40 90 6a 0a 01 a0 3c 0.D...h..@.j...<  
3ce0: 7b 6a 0a 02 00 74 0a 04 7a 7b 6b 0a 30 00 0a 04 {j...t..z{k.0...  
3cf0: 00 61 a0 0d 7b 6d 0a 02 00 70 0a 14 44 4d 41 31 .a..{m...p..DMA1  
3d00: a1 1a a0 0e 7b 6c 0a 02 00 77 61 0a 0f 44 4d 41 ....{l...wa..DMA  
3d10: 31 a1 09 77 61 0a 1e 44 4d 41 31 a1 0a 70 50 49 l..wa..DMA1..pPI  
3d20: 4f 31 44 4d 41 31 a1 0a 70 44 4d 41 30 44 4d 41 O1DMA1..pDMA0DMA  
3d30: 31 70 00 46 4c 41 47 a0 11 7b 68 0a 01 00 7d 46 1p.FLAG..{h...}F  
3d40: 4c 41 47 0a 10 46 4c 41 47 a0 11 7b 6a 0a 01 00 LAG..FLAG..{j...  
3d50: 7d 46 4c 41 47 0a 01 46 4c 41 47 a0 11 7b 68 0a }FLAG..FLAG..{h..  
3d60: 02 00 7d 46 4c 41 47 0a 02 46 4c 41 47 a0 11 7b ..}FLAG..FLAG..{  
3d70: 6a 0a 02 00 7d 46 4c 41 47 0a 04 46 4c 41 47 a0 j...}FLAG..FLAG..  
3d80: 11 7b 68 0a 20 00 7d 46 4c 41 47 0a 08 46 4c 41 .{h..}FLAG..FLA  
3d90: 47 a4 60 14 47 28 53 54 4d 5f 03 70 11 03 0a 18 G`.G(STM\_p....  
3da0: 67 8a 67 0a 00 49 54 4d 5f 8a 67 0a 04 53 49 54 g.g..ITM\_g..SIT

3db0: 5f 8a 67 0a 08 55 44 43 5f 8a 67 0a 0c 55 44 54 \_g..UDC\_g..UDT  
3dc0: 5f 8a 67 0a 10 49 43 46 5f 8a 67 0a 14 46 41 53 \_g..ICF\_g..FAS  
3dd0: 5f 8a 68 0a 00 50 49 4f 30 8a 68 0a 04 44 4d 41 \_h..PIO0.h..DMA  
3de0: 30 8a 68 0a 08 50 49 4f 31 8a 68 0a 0c 44 4d 41 0.h..PIO1.h..DMA  
3df0: 31 8a 68 0a 10 46 4c 41 47 70 46 4c 41 47 64 70 1.h..FLAGpFLAGdp  
3e00: 0b 00 80 60 a0 0b 7b 64 0a 02 00 7d 60 0a 07 60 ...`{d...}`..`  
3e10: a0 11 7b 64 0a 08 00 7d 60 0b 00 40 60 7d 60 0a ..{d...}`..@`..`  
3e20: 70 60 a0 16 90 95 44 4d 41 30 50 49 4f 30 92 7b p`....DMA0PIO0.{  
3e30: 64 0a 01 00 7d 60 0a 08 60 a0 16 90 95 44 4d 41 d...}`..`....DMA  
3e40: 31 50 49 4f 31 92 7b 64 0a 04 00 7d 60 0a 80 60 1PIO1.{d...}`..`  
3e50: a0 14 50 49 4f 30 a0 0e 95 50 49 4f 30 0b 84 03 ..PIO0...PIO0...  
3e60: 7d 60 0a 01 60 a0 14 50 49 4f 31 a0 0e 95 50 49 }`..`..PIO1...PI  
3e70: 4f 31 0b 84 03 7d 60 0a 10 60 a0 0c 7b 64 0a 01 O1...}`..`{d..  
3e80: 00 70 50 49 4f 30 61 a1 07 70 44 4d 41 30 61 a0 .pPIO0a..pDMA0a.  
3e90: 2d 61 a0 0c 92 94 61 0a 78 7d 60 0b 00 23 60 a1 -a....a.x}`..#`..  
3ea0: 1d a0 0c 92 94 61 0a b4 7d 60 0b 00 21 60 a1 0e .....a.}`..!`..  
3eb0: a0 0c 92 94 61 0a f0 7d 60 0b 00 10 60 70 60 49 ....a.}`..`p`I  
3ec0: 54 4d 5f 70 00 60 a0 0c 7b 64 0a 04 00 70 50 49 TM\_p..`{d...pPI  
3ed0: 4f 31 61 a1 07 70 44 4d 41 31 61 a0 27 61 a0 0a O1a..pDMA1a.'a..  
3ee0: 92 94 61 0a 78 70 0a 0b 60 a1 19 a0 0a 92 94 61 ..a.xp..`.....a  
3ef0: 0a b4 70 0a 09 60 a1 0c a0 0a 92 94 61 0a f0 70 ..p..`.....a..p  
3f00: 0a 04 60 70 60 53 49 54 5f 70 0a 00 60 a0 0b 7b ..p`SIT\_p..`..`{  
3f10: 64 0a 01 00 7d 60 0a 01 60 a0 0b 7b 64 0a 04 00 d...}`..`..`{d...  
3f20: 7d 60 0a 02 60 70 60 55 44 43 5f 70 0a 00 60 a0 }`..`p`UDC\_p..`..  
3f30: 37 7b 64 0a 01 00 a0 0c 93 44 4d 41 30 0a 14 70 7{d...DMA0..p  
3f40: 0a 01 60 a1 23 a0 11 95 44 4d 41 30 0a 3c 78 44 ..`#...DMA0.<xD  
3f50: 4d 41 30 0a 0f 00 61 a1 0a 78 44 4d 41 30 0a 1e MA0...a.xDMA0..  
3f60: 00 61 74 0a 04 61 60 a0 41 04 7b 64 0a 04 00 a0 .at..a`.A.{d...  
3f70: 0c 93 44 4d 41 31 0a 14 70 0a 01 61 a1 23 a0 11 ..DMA1..p..a.#..  
3f80: 95 44 4d 41 31 0a 3c 78 44 4d 41 31 0a 0f 00 61 ..DMA1.<xDMA1...a  
3f90: a1 0a 78 44 4d 41 31 0a 1e 00 61 74 0a 04 61 61 ..xDMA1...at..aa  
3fa0: 79 61 0a 04 61 7d 60 61 60 70 60 55 44 54 5f 70 ya..a.}`a`p`UDT\_p  
3fb0: 0a 00 60 a0 1c 44 4d 41 30 a0 16 94 44 4d 41 30 ..`DMA0...DMA0  
3fc0: 0a 14 a0 0d 95 44 4d 41 30 0a 3c 7d 60 0a 01 60 .....DMA0.<}`..`  
3fd0: a0 1c 44 4d 41 31 a0 16 94 44 4d 41 31 0a 14 a0 ..DMA1...DMA1...  
3fe0: 0d 95 44 4d 41 31 0a 3c 7d 60 0a 02 60 70 60 49 ..DMA1.<}`..`p`I  
3ff0: 43 46 5f 70 0a 00 60 a0 0d 93 44 4d 41 30 0a 14 CF\_p..`...DMA0..  
4000: 7d 60 0a 01 60 a0 0d 93 44 4d 41 31 0a 14 7d 60 }`..`...DMA1..}`  
4010: 0a 02 60 70 60 46 41 53 5f a4 67 14 4a 05 48 31 ..p`FAS\_g.J.H1  
4020: 35 50 01 08 42 55 46 46 11 0b 0a 08 00 00 00 00 5P..BUFF.....  
4030: 00 00 00 00 70 68 60 70 42 55 46 46 61 73 60 61 ....ph`pBUFFas`a  
4040: 67 8b 67 0a 02 43 59 4c 5f 8b 67 0a 06 48 45 41 g.g..CYL\_g..HEA  
4050: 44 8b 67 0a 0c 53 50 54 5f a0 18 90 92 95 48 45 D.g..SPT.....HE  
4060: 41 44 0a 10 92 95 43 59 4c 5f 0b 00 20 a4 53 50 AD....CYL\_g..SP  
4070: 54 5f a1 03 a4 00 14 4d 11 47 54 46 30 07 70 11 T.....M.GTF0.p.  
4080: 0a 0a 07 03 00 00 00 00 a0 ef 67 8c 67 0a 01 4d .....g.g..M  
4090: 4f 44 45 a0 2d 7b 6a 0a 01 00 7b 6b 0a 03 60 a0 ODE.-{j...{k..`..  
40a0: 0b 7b 6e 0a 01 00 72 60 0a 04 60 a1 0d a0 0b 7b .{n...r}`..`{  
40b0: 6c 0a 01 00 72 60 0a 02 60 7d 60 0a 40 4d 4f 44 l..r..`}`..@MOD  
40c0: 45 a1 3e 72 7a 7b 68 0b 00 03 00 0a 08 00 7a 7b E.>rz{h.....z{  
40d0: 68 0b 00 30 00 0a 0c 00 60 a0 0d 92 95 60 0a 05 h..0.....`..  
40e0: 70 0a 22 4d 4f 44 45 a1 18 a0 0d 92 95 60 0a 03 p."MODE.....`..  
40f0: 70 0a 21 4d 4f 44 45 a1 08 70 0a 20 4d 4f 44 45 p.!MODE..p. MODE  
4100: 73 67 67 66 a0 24 91 7b 68 0a 08 00 92 7b 68 0a sggf.\$.{h....{h.  
4110: 01 00 a0 0d 7b 68 0a 02 00 70 0a 00 4d 4f 44 45 ....{h...p..MODE  
4120: a1 08 70 0a 01 4d 4f 44 45 a1 3e 72 7a 7b 68 0b ..p..MODE.>rz{h.  
4130: 00 03 00 0a 08 00 7a 7b 68 0b 00 30 00 0a 0c 00 .....z{h..0....  
4140: 60 a0 0d 92 95 60 0a 05 70 0a 0c 4d 4f 44 45 a1 `.....p..MODE.  
4150: 18 a0 0d 92 95 60 0a 03 70 0a 0b 4d 4f 44 45 a1 .....p..MODE.  
4160: 08 70 0a 0a 4d 4f 44 45 73 66 67 65 a0 23 6d 70 ..p..MODEsfge.#mp  
4170: 11 0a 0a 07 00 00 00 00 ae 91 64 8c 64 0a 01 .....d.d..  
4180: 53 50 54 5f 70 6d 53 50 54 5f 73 65 64 66 a4 66 SPT\_pmSPT\_sedf.f  
4190: a1 03 a4 65 14 45 11 47 54 46 31 07 70 11 0a 0a ...e.E.GTF1.p...

41a0: 07 03 00 00 00 00 b0 ef 67 8c 67 0a 01 4d 4f 44 .....g.g.MOD  
41b0: 45 a0 31 7b 6a 0a 02 00 7a 7b 6b 0a 30 00 0a 04 E.1 {j...z {k.0...  
41c0: 60 a0 0b 7b 6e 0a 02 00 72 60 0a 04 60 a1 0d a0 `.{n..r`..`...  
41d0: 0b 7b 6c 0a 02 00 72 60 0a 02 60 7d 60 0a 40 4d {.l..r`..`}`.@M  
41e0: 4f 44 45 a1 38 72 7a 7b 69 0a 03 00 0a 02 00 7b ODE.8rz{i..... {  
41f0: 69 0a 0c 00 60 a0 0d 92 95 60 0a 05 70 0a 22 4d i..`.....`p."M  
4200: 4f 44 45 a1 18 a0 0d 92 95 60 0a 03 70 0a 21 4d ODE.....`p.!M  
4210: 4f 44 45 a1 08 70 0a 20 4d 4f 44 45 73 67 67 66 ODE..p. MODEsggf  
4220: a0 24 91 7b 68 0a 80 00 92 7b 68 0a 10 00 a0 0d \$. {h.... {h....  
4230: 7b 68 0a 20 00 70 0a 00 4d 4f 44 45 a1 08 70 0a {h. .p.MODE..p.  
4240: 01 4d 4f 44 45 a1 38 72 7a 7b 69 0a 03 00 0a 02 .MODE.8rz{i.....  
4250: 00 7b 69 0a 0c 00 60 a0 0d 92 95 60 0a 05 70 0a {.i..`.....`p.  
4260: 0c 4d 4f 44 45 a1 18 a0 0d 92 95 60 0a 03 70 0a .MODE.....`p.  
4270: 0b 4d 4f 44 45 a1 08 70 0a 0a 4d 4f 44 45 73 66 .MODE..p..MODEsf  
4280: 67 65 a0 23 6d 70 11 0a 0a 07 00 00 00 00 00 be ge.#mp.....  
4290: 91 64 8c 64 0a 01 53 50 54 5f 70 6d 53 50 54 5f .d.d..SPT\_pmSPT\_  
42a0: 73 65 64 66 a4 66 a1 03 a4 65 5b 82 39 50 58 34 sedf.f...e[.9PX4  
42b0: 33 08 5f 41 44 52 0c 03 00 1f 00 5b 80 50 42 41 3. \_ADR.....[.PBA  
42c0: 53 02 0a 20 0a 02 5b 81 0b 50 42 41 53 01 42 41 S...[.PBAS.BA  
42d0: 53 30 10 14 11 53 4d 42 42 00 7b 42 41 53 30 0b S0...SMBB.{BAS0.  
42e0: fe ff 60 a4 60 5b 82 1e 41 5a 41 4c 08 5f 41 44 ..`[.AZAL.\_AD  
42f0: 52 0c 00 00 1b 00 14 0e 5f 50 52 57 00 a4 12 06 R.....\_PRW....  
4300: 02 0a 0d 0a 05 08 42 55 46 41 11 09 0a 06 23 b8 .....BUFA....#.  
4310: 1e 18 79 00 08 42 55 46 42 11 09 0a 06 23 00 00 ..y..BUFB....#..  
4320: 18 79 00 8b 42 55 46 42 0a 01 49 52 51 56 5b 82 .y..BUFB..IRQV[.  
4330: 4b 08 4c 4e 4b 41 08 5f 48 49 44 0c 41 d0 0c 0f K.LNK.A.\_HID.A...  
4340: 08 5f 55 49 44 0a 01 14 1c 5f 53 54 41 00 7b 50 . \_UID....\_STA.{P  
4350: 49 52 41 0a 80 60 a0 08 93 60 0a 80 a4 0a 09 a1 IRA..`.....  
4360: 04 a4 0a 0b 14 0b 5f 50 52 53 00 a4 42 55 46 41 .....\_PRS..BUFA  
4370: 14 11 5f 44 49 53 00 7d 50 49 52 41 0a 80 50 49 ..\_DIS.}PIRA..PI  
4380: 52 41 14 1b 5f 43 52 53 00 7b 50 49 52 41 0a 0f RA..\_CRS.{PIRA..  
4390: 60 79 0a 01 60 49 52 51 56 a4 42 55 46 42 14 1c `y..`IRQV.BUFB..  
43a0: 5f 53 52 53 01 8b 68 0a 01 49 52 51 31 82 49 52 \_SRS..h..IRQ1.IR  
43b0: 51 31 60 76 60 70 60 50 49 52 41 5b 82 4b 08 4c Q1`v`p`PIRA[.K.L  
43c0: 4e 4b 42 08 5f 48 49 44 0c 41 d0 0c 0f 08 5f 55 NKB.\_HID.A....\_U  
43d0: 49 44 0a 02 14 1c 5f 53 54 41 00 7b 50 49 52 42 ID....\_STA.{PIRB  
43e0: 0a 80 60 a0 08 93 60 0a 80 a4 0a 09 a1 04 a4 0a ..`.....  
43f0: 0b 14 0b 5f 50 52 53 00 a4 42 55 46 41 14 11 5f ...\_PRS..BUFA..  
4400: 44 49 53 00 7d 50 49 52 42 0a 80 50 49 52 42 14 \_DIS.}PIRB..PIRB.  
4410: 1b 5f 43 52 53 00 7b 50 49 52 42 0a 0f 60 79 0a . \_CRS.{PIRB..`y.  
4420: 01 60 49 52 51 56 a4 42 55 46 42 14 1c 5f 53 52 .`IRQV.BUFB..\_SR  
4430: 53 01 8b 68 0a 01 49 52 51 31 82 49 52 51 31 60 S..h..IRQ1.IRQ1`  
4440: 76 60 70 60 50 49 52 42 5b 82 4b 08 4c 4e 4b 43 v`p`PIRB[.K.LNK  
4450: 08 5f 48 49 44 0c 41 d0 0c 0f 08 5f 55 49 44 0a . \_HID.A....\_UID.  
4460: 03 14 1c 5f 53 54 41 00 7b 50 49 52 43 0a 80 60 ...\_STA.{PIRC..`  
4470: a0 08 93 60 0a 80 a4 0a 09 a1 04 a4 0a 0b 14 0b ..`.....  
4480: 5f 50 52 53 00 a4 42 55 46 41 14 11 5f 44 49 53 \_PRS..BUFA..\_DIS  
4490: 00 7d 50 49 52 43 0a 80 50 49 52 43 14 1b 5f 43 .}PIRC..PIRC..\_C  
44a0: 52 53 00 7b 50 49 52 43 0a 0f 60 79 0a 01 60 49 RS.{PIRC..`y..`I  
44b0: 52 51 56 a4 42 55 46 42 14 1c 5f 53 52 53 01 8b RQV.BUFB..\_SRS..  
44c0: 68 0a 01 49 52 51 31 82 49 52 51 31 60 76 60 70 h..IRQ1.IRQ1`v`p  
44d0: 60 50 49 52 43 5b 82 4b 08 4c 4e 4b 44 08 5f 48 `PIRC[.K.LNKD.\_H  
44e0: 49 44 0c 41 d0 0c 0f 08 5f 55 49 44 0a 04 14 1c ID.A....\_UID....  
44f0: 5f 53 54 41 00 7b 50 49 52 44 0a 80 60 a0 08 93 \_STA.{PIRD..`...  
4500: 60 0a 80 a4 0a 09 a1 04 a4 0a 0b 14 0b 5f 50 52 `.....\_PR  
4510: 53 00 a4 42 55 46 41 14 11 5f 44 49 53 00 7d 50 S..BUFA..\_DIS.}P  
4520: 49 52 44 0a 80 50 49 52 44 14 1b 5f 43 52 53 00 IRD..PIRD..\_CRS.  
4530: 7b 50 49 52 44 0a 0f 60 79 0a 01 60 49 52 51 56 {PIRD..`y..`IRQV  
4540: a4 42 55 46 42 14 1c 5f 53 52 53 01 8b 68 0a 01 .BUFB..\_SRS..h..  
4550: 49 52 51 31 82 49 52 51 31 60 76 60 70 60 50 49 IRQ1.IRQ1`v`p`PI  
4560: 52 44 5b 82 4b 08 4c 4e 4b 45 08 5f 48 49 44 0c RD[.K.LNKE.\_HID.  
4570: 41 d0 0c 0f 08 5f 55 49 44 0a 05 14 1c 5f 53 54 A....\_UID....\_ST  
4580: 41 00 7b 50 49 52 45 0a 80 60 a0 08 93 60 0a 80 A.{PIRE..`.....`..



4590: a4 0a 09 a1 04 a4 0a 0b 14 0b 5f 50 52 53 00 a4 ..... PRS..  
45a0: 42 55 46 41 14 11 5f 44 49 53 00 7d 50 49 52 45 BUFA..\_DIS.}PIRE  
45b0: 0a 80 50 49 52 45 14 1b 5f 43 52 53 00 7b 50 49 ..PIRE..\_CRS.{PI  
45c0: 52 45 0a 0f 60 79 0a 01 60 49 52 51 56 a4 42 55 RE..`y..`IRQV.BU  
45d0: 46 42 14 1c 5f 53 52 53 01 8b 68 0a 01 49 52 51 FB..\_SRS..h..IRQ  
45e0: 31 82 49 52 51 31 60 76 60 70 60 50 49 52 45 5b 1.IRQ1`v`p`PIRE[  
45f0: 82 4b 08 4c 4e 4b 46 08 5f 48 49 44 0c 41 d0 0c .K.LNKF.\_HID.A..  
4600: 0f 08 5f 55 49 44 0a 06 14 1c 5f 53 54 41 00 7b ..\_UID....\_STA.{  
4610: 50 49 52 46 0a 80 60 a0 08 93 60 0a 80 a4 0a 09 PIRF..`.....  
4620: a1 04 a4 0a 0b 14 0b 5f 50 52 53 00 a4 42 55 46 ..... PRS..BUF  
4630: 41 14 11 5f 44 49 53 00 7d 50 49 52 46 0a 80 50 A..\_DIS.}PIRF..P  
4640: 49 52 46 14 1b 5f 43 52 53 00 7b 50 49 52 46 0a IRF..\_CRS.{PIRF.  
4650: 0f 60 79 0a 01 60 49 52 51 56 a4 42 55 46 42 14 .`y..`IRQV.BUFB.  
4660: 1c 5f 53 52 53 01 8b 68 0a 01 49 52 51 31 82 49 .\_SRS..h..IRQ1.I  
4670: 52 51 31 60 76 60 70 60 50 49 52 46 5b 82 4b 08 RQ1`v`p`PIRF[.K.  
4680: 4c 4e 4b 30 08 5f 48 49 44 0c 41 d0 0c 0f 08 5f LNK0.\_HID.A....  
4690: 55 49 44 0a 07 14 1c 5f 53 54 41 00 7b 50 49 52 UID....\_STA.{PIR  
46a0: 47 0a 80 60 a0 08 93 60 0a 80 a4 0a 09 a1 04 a4 G..`.....  
46b0: 0a 0b 14 0b 5f 50 52 53 00 a4 42 55 46 41 14 11 .... PRS..BUFA..  
46c0: 5f 44 49 53 00 7d 50 49 52 47 0a 80 50 49 52 47 \_DIS.}PIRG..PIRG  
46d0: 14 1b 5f 43 52 53 00 7b 50 49 52 47 0a 0f 60 79 ..\_CRS.{PIRG..`y  
46e0: 0a 01 60 49 52 51 56 a4 42 55 46 42 14 1c 5f 53 ..`IRQV.BUFB..\_S  
46f0: 52 53 01 8b 68 0a 01 49 52 51 31 82 49 52 51 31 RS..h..IRQ1.IRQ1  
4700: 60 76 60 70 60 50 49 52 47 5b 82 4b 08 4c 4e 4b `v`p`PIRG[.K.LNK  
4710: 31 08 5f 48 49 44 0c 41 d0 0c 0f 08 5f 55 49 44 1.\_HID.A....\_UID  
4720: 0a 08 14 1c 5f 53 54 41 00 7b 50 49 52 48 0a 80 ....\_STA.{PIRH..  
4730: 60 a0 08 93 60 0a 80 a4 0a 09 a1 04 a4 0a 0b 14 `.....  
4740: 0b 5f 50 52 53 00 a4 42 55 46 41 14 11 5f 44 49 .\_PRS..BUFA..\_DI  
4750: 53 00 7d 50 49 52 48 0a 80 50 49 52 48 14 1b 5f S.}PIRH..PIRH..  
4760: 43 52 53 00 7b 50 49 52 48 0a 0f 60 79 0a 01 60 CRS.{PIRH..`y..`  
4770: 49 52 51 56 a4 42 55 46 42 14 1c 5f 53 52 53 01 IRQV.BUFB..\_SRS.  
4780: 8b 68 0a 01 49 52 51 31 82 49 52 51 31 60 76 60 .h..IRQ1.IRQ1`v`  
4790: 70 60 50 49 52 48 14 0e 5f 50 52 57 00 a4 12 06 p`PIRH..\_PRW....  
47a0: 02 0a 0b 0a 05 14 21 5c 2f 05 5f 53 42 5f 50 43 .....!V.\_SB\_PC  
47b0: 49 30 50 58 34 30 55 41 52 31 5f 50 52 57 00 a4 IOPX40UAR1\_PRW..  
47c0: 12 06 02 0a 08 0a 05 14 21 5c 2f 05 5f 53 42 5f .....!V.\_SB\_  
47d0: 50 43 49 30 50 58 34 30 55 41 52 32 5f 50 52 57 PCIOPX40UAR2\_PRW  
47e0: 00 a4 12 06 02 0a 08 0a 05 5b 82 4d 25 4d 45 4d .....[M%MEM  
47f0: 5f 08 5f 48 49 44 0c 41 d0 0c 01 14 4c 24 5f 43 ..\_HID.A....LS\_C  
4800: 52 53 00 08 42 55 46 30 11 4a 0b 0a b6 86 09 00 RS..BUF0.J.....  
4810: 01 00 00 0f 00 00 40 00 00 86 09 00 01 00 40 0f .....@.....@.  
4820: 00 00 40 00 00 86 09 00 01 00 80 0f 00 00 40 00 ..@.....@.  
4830: 00 86 09 00 01 00 c0 0f 00 00 40 00 00 86 09 00 .....@.....  
4840: 01 00 00 00 00 00 20 00 86 09 00 01 00 00 00 .....  
4850: 00 00 00 01 00 86 09 00 01 00 00 00 00 00 0a .....  
4860: 00 86 09 00 01 00 00 10 00 00 00 00 86 09 00 .....  
4870: 01 00 00 c0 fe 00 10 00 00 86 09 00 01 00 40 d1 .....@.  
4880: fe 00 a0 00 00 86 09 00 01 00 00 d2 fe 00 00 08 .....  
4890: 00 86 09 00 01 00 00 e0 fe 00 10 00 00 86 09 00 .....  
48a0: 01 00 00 b0 ff 00 00 08 00 86 09 00 01 00 00 f0 .....  
48b0: ff 00 00 10 00 86 09 00 01 00 00 0e 00 00 00 01 .....  
48c0: 00 79 00 8a 42 55 46 30 0a 40 41 43 4d 4d 8a 42 .y..BUF0.@ACMM.B  
48d0: 55 46 30 0a 44 41 53 53 4d 8a 42 55 46 30 0a 04 UF0.DASSM.BUF0..  
48e0: 52 4d 41 31 8a 42 55 46 30 0a 08 52 53 53 31 8a RMA1.BUF0..RSS1.  
48f0: 42 55 46 30 0a 10 52 4d 41 32 8a 42 55 46 30 0a BUF0..RMA2.BUF0.  
4900: 14 52 53 53 32 8a 42 55 46 30 0a 1c 52 4d 41 33 .RSS2.BUF0..RMA3  
4910: 8a 42 55 46 30 0a 20 52 53 53 33 8a 42 55 46 30 .BUF0..RSS3.BUF0  
4920: 0a 28 52 4d 41 34 8a 42 55 46 30 0a 2c 52 53 53 .(RMA4.BUF0..RSS  
4930: 34 8a 42 55 46 30 0a 34 52 4d 41 35 8a 42 55 46 4.BUF0.4RMA5.BUF  
4940: 30 0a 38 52 53 53 35 8a 42 55 46 30 0a 5c 45 58 0.8RSS5.BUF0.\EX  
4950: 54 4d 7b 41 4d 45 4d 0c 00 00 f0 ff 60 72 60 0c TM{AMEM.....`r`.  
4960: 00 00 10 00 52 4d 41 35 70 0c 00 00 10 00 52 53 ....RMA5p.....RS  
4970: 53 35 74 41 4d 45 4d 0c 00 00 10 00 45 58 54 4d S5tAMEM.....EXTM

4980: a0 35 92 93 52 4f 4d 31 00 70 52 4d 41 31 52 4d .5..ROM1.pRMA1RM  
4990: 41 32 79 52 4f 4d 31 0a 08 60 70 60 52 4d 41 31 A2yROM1..`p`RMA1  
49a0: 79 52 4d 53 31 0a 08 60 70 60 52 53 53 31 70 0b yRMS1..`p`RSS1p.  
49b0: 00 80 52 53 53 32 a0 35 92 93 52 4f 4d 32 00 70 ..RSS2.5..ROM2.p  
49c0: 52 4d 41 32 52 4d 41 33 79 52 4f 4d 32 0a 08 60 RMA2RMA3yROM2..`  
49d0: 70 60 52 4d 41 32 79 52 4d 53 32 0a 08 60 70 60 p`RMA2yRMS2..`p`  
49e0: 52 53 53 32 70 0b 00 c0 52 53 53 33 a0 37 92 93 RSS2p...RSS3.7..  
49f0: 52 4f 4d 33 00 70 52 4d 41 33 52 4d 41 34 79 52 ROM3.pRMA3RMA4yR  
4a00: 4f 4d 33 0a 08 60 70 60 52 4d 41 33 79 52 4d 53 OM3..`p`RMA3yRMS  
4a10: 33 0a 08 60 70 60 52 53 53 33 70 0c 00 00 01 00 3..`p`RSS3p.....  
4a20: 52 53 53 34 70 41 4d 45 4d 41 43 4d 4d 7b 41 4d RSS4pAMEMACMM{AM  
4a30: 45 4d 0c ff ff 0f 00 60 74 0c 00 00 10 00 60 41 EM.....`t.....`A  
4a40: 53 53 4d a4 42 55 46 30 5b 82 42 04 5c 2f 04 5f SSM.BUF0{.B.V.\_  
4a50: 53 42 5f 50 43 49 30 50 58 34 30 46 57 48 5f 08 SB\_PCI0PX40FWH\_  
4a60: 5f 48 49 44 0c 25 d4 08 00 14 22 5f 43 52 53 00 \_HID.%...."\_CRS.  
4a70: 08 46 57 48 30 11 11 0a 0e 86 09 00 01 00 00 b8 .FWH0.....  
4a80: ff 00 00 08 00 79 00 a4 46 57 48 30 5b 82 45 04 .....y..FWH0{.E.  
4a90: 5c 2f 03 5f 53 42 5f 50 43 49 30 45 58 50 4c 08 V.\_SB\_PCI0EXPL.  
4aa0: 5f 48 49 44 0c 41 d0 0c 02 08 5f 55 49 44 0a 04 \_HID.A....\_UID..  
4ab0: 14 22 5f 43 52 53 00 08 42 55 46 30 11 11 0a 0e ."\_CRS..BUF0....  
4ac0: 86 09 00 01 00 00 00 e0 00 00 00 10 79 00 a4 42 .....y..B  
4ad0: 55 46 30 5b 80 54 45 4d 4d 00 0c 10 f8 0f 00 0a UF0{.TEMM.....  
4ae0: 0c 5b 81 24 54 45 4d 4d 02 54 50 31 48 10 54 50 [.\$.STEMM.TP1H.TP  
4af0: 31 4c 10 54 50 32 48 10 54 50 32 4c 10 54 52 50 1L.TP2H.TP2L.TRP  
4b00: 43 10 53 45 4e 46 10 08 54 56 41 52 11 08 0a 05 C.SENF..TVAR....  
4b10: 00 00 00 00 00 8c 54 56 41 52 0a 00 50 4c 43 59 .....TVAR..PLCY  
4b20: 8b 54 56 41 52 0a 01 43 54 4f 53 8b 54 56 41 52 .TVAR..CTOS.TVAR  
4b30: 0a 03 43 54 48 59 08 54 42 55 46 11 07 0a 04 00 ..CTHY.TBUF.....  
4b40: 00 00 00 8c 54 42 55 46 0a 00 44 42 30 30 8c 54 ....TBUF..DB00.T  
4b50: 42 55 46 0a 01 44 42 30 31 8b 54 42 55 46 0a 00 BUF..DB01.TBUF..  
4b60: 44 57 30 30 8b 54 42 55 46 0a 02 44 57 30 31 8a DW00.TBUF..DW01.  
4b70: 54 42 55 46 0a 00 44 41 54 44 5b 80 53 45 4e 31 TBUF..DATD{.SEN1  
4b80: 01 0b 95 02 0a 02 5b 81 10 53 45 4e 31 01 53 45 .....{..SEN1.SE  
4b90: 49 30 08 53 45 44 30 08 14 36 53 54 4f 53 03 70 IO.SED0..6STOS.p  
4ba0: 52 53 45 4e 0a 4e 60 7b 60 80 0a 07 00 61 7d 61 RSEN.N`{`....a}a  
4bb0: 0a 01 61 57 53 45 4e 0a 4e 61 57 53 45 4e 0a 55 ..aWSEN.NaWSEN.U  
4bc0: 69 57 53 45 4e 0a 56 68 57 53 45 4e 0a 4e 60 14 iWSEN.VhWSEN.N`.  
4bd0: 36 53 54 48 59 03 70 52 53 45 4e 0a 4e 60 7b 60 6STHY.pRSEN.N`{`  
4be0: 80 0a 07 00 61 7d 61 0a 01 61 57 53 45 4e 0a 4e ....a}a.aWSEN.N  
4bf0: 61 57 53 45 4e 0a 53 69 57 53 45 4e 0a 54 68 57 aWSEN.SiWSEN.ThW  
4c00: 53 45 4e 0a 4e 60 14 4f 07 52 54 4d 50 00 70 52 SEN.N`.O.RTMP.pR  
4c10: 53 45 4e 0a 4e 60 7b 60 80 0a 07 00 61 7d 61 0a SEN.N`{`....a}a.  
4c20: 01 61 57 53 45 4e 0a 4e 61 70 52 53 45 4e 0a 50 .aWSEN.NapRSEN.P  
4c30: 63 57 53 45 4e 0a 4e 60 a0 10 95 63 0a 80 77 63 cWSEN.N`....c..wc  
4c40: 0a 0a 63 72 63 0b ac 0a 63 a1 11 74 63 0a 80 63 ..crc...c..tc..c  
4c50: 77 63 0a 0a 63 74 0b ac 0a 63 63 a0 0b 94 63 0b wc..ct...cc...c.  
4c60: 8a 0e 70 0b ac 0a 63 a0 0d 93 53 53 48 55 0a 01 ..p...c...SSHU..  
4c70: 70 0b 3c 0c 63 a0 0e 92 93 52 46 41 4e 0a 00 70 p<.c....RFAN..p  
4c80: 0b 66 0f 63 a4 63 14 12 52 46 41 4e 00 7b 52 53 .f.c.c..RFAN.{RS  
4c90: 4d 49 52 53 54 53 61 a4 61 14 46 05 52 53 4d 49 MIRSTSa.a.F.RSMI  
4ca0: 00 70 52 53 45 4e 0a 4e 60 7b 60 80 0a 07 00 61 .pRSEN.N`{`....a  
4cb0: 57 53 45 4e 0a 4e 61 7b 80 52 53 45 4e 0a 43 00 WSEN.Na{.RSEN.C.  
4cc0: 0a c0 61 7b 80 52 53 45 4e 0a 44 00 0a 08 62 7d ..a{.RSEN.D...b}  
4cd0: 61 62 61 7b 80 52 53 45 4e 0a 46 00 0a 06 62 7d aba{.RSEN.F...b}  
4ce0: 61 62 61 57 53 45 4e 0a 4e 60 5b 22 0a 64 a4 61 abaWSEN.N`["d.a  
4cf0: 14 4d 06 52 53 54 53 00 70 52 53 45 4e 0a 4e 60 .M.RSTS.pRSEN.N`  
4d00: 7b 60 80 0a 07 00 61 7d 61 0a 04 61 57 53 45 4e {`....a}a.aWSEN  
4d10: 0a 4e 61 7b 52 53 45 4e 0a 59 0a c0 61 7b 52 53 .Na{RSEN.Y..a{RS  
4d20: 45 4e 0a 5a 0a 08 62 7d 61 62 61 7b 52 53 45 4e EN.Z..b}aba{RSEN  
4d30: 0a 5a 0a 04 62 7a 62 0a 01 62 7d 61 62 61 7b 52 .Z..bzb..b}aba{R  
4d40: 53 45 4e 0a 5b 0a 80 62 7a 62 0a 05 62 7d 61 62 SEN.[..bzb..b}ab  
4d50: 61 57 53 45 4e 0a 4e 60 5b 22 0a 64 a4 61 14 12 aWSEN.N`["d.a..  
4d60: 57 53 45 4e 02 70 68 53 45 49 30 70 69 53 45 44 WSEN.phSEI0piSED

4d70: 30 14 14 52 53 45 4e 01 70 68 53 45 49 30 70 53 0..RSEN.phSEI0pS  
4d80: 45 44 30 67 a4 67 14 15 53 46 41 4e 01 a0 08 93 ED0g.g..SFAN....  
4d90: 68 00 46 4f 46 46 a1 05 46 4f 4e 5f 14 33 46 4f h.FOFF..FON\_3FO  
4da0: 4e 5f 00 70 52 53 45 4e 0a 4e 60 7b 60 80 0a 07 N\_pRSEN.N`{`...  
4db0: 00 61 57 53 45 4e 0a 4e 61 57 53 45 4e 0a 01 0a a.WSEN.NaWSEN...  
4dc0: ff 57 53 45 4e 0a 03 0a ff 57 53 45 4e 0a 4e 60 .WSEN...WSEN.N`  
4dd0: 14 33 46 4f 46 46 00 70 52 53 45 4e 0a 4e 60 7b .3FOFF.pRSEN.N`{  
4de0: 60 80 0a 07 00 61 57 53 45 4e 0a 4e 61 57 53 45 `...aWSEN.NaWSE  
4df0: 4e 0a 01 0a 00 57 53 45 4e 0a 03 0a 00 57 53 45 N...WSEN...WSE  
4e00: 4e 0a 4e 60 10 4d 12 5c 5f 54 5a 5f 5b 82 28 46 N.N`.M.\\_TZ\_[(F  
4e10: 41 4e 5f 08 5f 48 49 44 0c 41 d0 0c 0b 14 18 5f AN\_.\_HID.A.....  
4e20: 49 4e 49 00 70 54 50 31 48 43 54 4f 53 70 54 50 INI,pTP1HCTOSpTP  
4e30: 31 4c 43 54 48 59 5b 85 4a 0f 54 48 52 4d 08 5f 1LCTHY[.J.THRM.\_  
4e40: 41 4c 30 12 06 01 46 41 4e 5f 14 1e 5f 41 43 30 AL0..FAN\_.\_AC0  
4e50: 00 a0 10 7d 50 4c 43 59 50 4c 43 59 67 a4 54 50 ...}PLCYPLCYg.TP  
4e60: 32 48 a1 06 a4 54 50 31 48 08 5f 50 53 4c 12 0c 2H...TP1H\_ PSL..  
4e70: 01 5c 2e 5f 50 52 5f 43 50 55 30 08 5f 54 53 50 \\_ PR\_CPU0\_ TSP  
4e80: 0a 3c 08 5f 54 43 31 0a 04 08 5f 54 43 32 0a 03 .<\_TC1...\_TC2..  
4e90: 14 1e 5f 50 53 56 00 a0 10 7d 50 4c 43 59 50 4c ..\_PSV...}PLCYPL  
4ea0: 43 59 67 a4 54 50 31 48 a1 06 a4 54 50 32 48 14 CYg.TP1H...TP2H.  
4eb0: 0b 5f 43 52 54 00 a4 54 52 50 43 14 1f 5f 54 4d .\_CRT..TRPC...TM  
4ec0: 50 00 7b 53 45 4e 46 0a 01 66 a0 0a 93 66 0a 01 P.{SENF...f..f..  
4ed0: a4 52 54 4d 50 a1 05 a4 0b 86 0b 14 24 5f 53 43 .RTMP.....\$\_SC  
4ee0: 50 01 a0 08 68 70 01 50 4c 43 59 a1 07 70 00 50 P...hp.PLCY..p.P  
4ef0: 4c 43 59 86 5c 2e 5f 54 5a 5f 54 48 52 4d 0a 81 LCY.\\_TZ\_ THRM..  
4f00: 14 31 53 54 4d 50 02 70 69 44 57 30 30 a0 12 68 .1STMP,piDW00.h  
4f10: 53 54 48 59 44 42 30 30 44 42 30 31 44 57 30 30 STHYDB00DB01DW00  
4f20: a1 11 53 54 4f 53 44 42 30 30 44 42 30 31 44 57 ..STOSDB00DB01DW  
4f30: 30 30 00

FACS @ 0x7fee0000

0000: 46 41 43 53 40 00 00 00 00 00 00 00 00 00 00 00 FACS@.....  
0010: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....  
0020: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....  
0030: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....

FACP @ 0x7fee30c0

0000: 46 41 43 50 74 00 00 00 01 be 49 6e 74 65 6c 52 FACPt.....IntelR  
0010: 41 57 52 44 41 43 50 49 31 2e 30 42 41 57 52 44 AWRDACPII.0BAWRD  
0020: 00 00 00 00 00 00 ee 7f 80 31 ee 7f 01 00 09 00 .....1.....  
0030: b2 00 00 00 a1 a0 00 34 00 04 00 00 00 00 00 00 .....4.....  
0040: 04 04 00 00 00 00 00 00 00 00 00 00 00 08 04 00 00 .....  
0050: 28 04 00 00 00 00 00 00 04 02 00 04 08 00 00 00 (.....  
0060: 65 00 e9 03 00 00 00 01 01 0d 00 00 00 00 00 e.....  
0070: a5 04 00 00 ....

MCFG @ 0x7fee8200

0000: 4d 43 46 47 3c 00 00 00 01 2f 49 6e 74 65 6c 52 MCFG<.../IntelR  
0010: 41 57 52 44 41 43 50 49 31 2e 30 42 41 57 52 44 AWRDACPII.0BAWRD  
0020: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 e0 .....  
0030: 00 00 00 00 00 00 ff 00 00 00 00 .....

APIC @ 0x7fee8100

0000: 41 50 49 43 84 00 00 00 01 6b 49 6e 74 65 6c 52 APIC.....kIntelR  
0010: 41 57 52 44 41 43 50 49 31 2e 30 42 41 57 52 44 AWRDACPII.0BAWRD  
0020: 00 00 00 00 00 00 e0 fe 01 00 00 00 00 08 00 00 .....  
0030: 01 00 00 00 00 08 01 01 01 00 00 00 00 08 02 02 .....  
0040: 00 00 00 00 00 08 03 03 00 00 00 00 01 0c 04 00 .....  
0050: 00 00 c0 fe 00 00 00 00 02 0a 00 00 02 00 00 00 .....  
0060: 00 00 02 0a 00 09 09 00 00 00 0d 00 04 06 00 05 .....  
0070: 00 01 04 06 01 05 00 01 04 06 02 05 00 01 04 06 .....  
0080: 03 05 00 01 ....

SSDT @ 0x7fee8280

0000: 53 53 44 54 5c 01 00 00 01 0e 50 6d 52 65 66 00 SSDT\....PmRef.  
0010: 43 70 75 30 49 73 74 00 00 30 00 00 49 4e 54 4c Cpu0Ist..0..INTL  
0020: 03 12 04 20 10 47 13 5c 2e 5f 50 52 5f 43 50 55 ...G.\\_PR\\_CPU  
0030: 30 14 09 5f 50 50 43 00 a4 0a 00 14 4e 06 5f 50 0..\_PPC.....N..P  
0040: 43 54 00 a0 38 7b 43 46 47 44 0b 00 40 00 a4 12 CT..8{CFGD..@...  
0050: 2c 02 11 14 0a 11 82 0c 00 7f 00 00 00 00 00 00 .....  
0060: 00 00 00 00 00 79 00 11 14 0a 11 82 0c 00 7f 00 .....y.....  
0070: 00 00 00 00 00 00 00 00 00 00 00 79 00 a4 12 2c 02 .....y....  
0080: 11 14 0a 11 82 0c 00 01 10 00 00 80 08 00 00 00 .....  
0090: 00 00 00 79 00 11 14 0a 11 82 0c 00 01 10 00 00 ...y.....  
00a0: 82 08 00 00 00 00 00 00 79 00 14 1b 5f 50 53 53 .....y...\_PSS  
00b0: 00 a0 0f 7b 43 46 47 44 0b 00 40 00 a4 4e 50 53 ...{CFGD..@..NPS  
00c0: 53 a4 53 50 53 53 08 53 50 53 53 12 45 04 02 12 S.SPSS.SPSS.E...  
00d0: 20 06 0c 08 07 00 00 0c c0 57 01 00 0c a0 00 00 .....W.....  
00e0: 00 0c 0a 00 00 00 0c 36 00 00 00 0c 00 00 00 00 .....6.....  
00f0: 12 20 06 0c b0 04 00 00 0c 90 e2 00 00 0c a0 00 .....  
0100: 00 00 0c 0a 00 00 00 0c 36 01 00 00 0c 01 00 00 .....6.....  
0110: 00 08 4e 50 53 53 12 45 04 02 12 20 06 0c 08 07 ..NPSS.E... ..  
0120: 00 00 0c c0 57 01 00 0c 0a 00 00 00 0c 0a 00 00 ....W.....  
0130: 00 0c 28 09 00 00 0c 28 09 00 00 12 20 06 0c b0 ..(....(....  
0140: 04 00 00 0c 90 e2 00 00 0c 0a 00 00 00 0c 0a 00 .....  
0150: 00 00 0c 1d 06 00 00 0c 1d 06 00 00 .....

SSDT @ 0x7fee8750

0000: 53 53 44 54 f9 02 00 00 01 48 50 6d 52 65 66 00 SSDT.....HPmRef.  
0010: 43 70 75 50 6d 00 00 00 00 30 00 00 49 4e 54 4c CpuPm....0..INTL  
0020: 03 12 04 20 10 4f 13 5c 00 08 53 53 44 54 12 4b ...O.\\_SSDT.K  
0030: 0c 1e 0d 43 50 55 30 49 53 54 20 00 0c 80 82 ee ...CPU0IST .....

0040: 7f 0c 5c 01 00 00 0d 43 50 55 31 49 53 54 20 00 ..\...\CPU1IST .  
0050: 0c 80 86 ee 7f 0c ce 00 00 00 0d 43 50 55 30 43 .....CPU0C  
0060: 53 54 20 00 0c 00 00 00 0c 19 e8 00 f0 0d 43 ST .....C  
0070: 50 55 31 43 53 54 20 00 0c 00 00 00 00 0c 19 e8 PU1CST .....

0080: 00 f0 0d 43 50 55 32 49 53 54 20 00 0c 00 00 00 ...CPU2IST .....

0090: 00 0c 19 e8 00 f0 0d 43 50 55 33 49 53 54 20 00 .....CPU3IST .

00a0: 0c 00 00 00 00 0c 19 e8 00 f0 0d 43 50 55 34 49 .....CPU4I

00b0: 53 54 20 00 0c 00 00 00 0c 19 e8 00 f0 0d 43 ST .....C

00c0: 50 55 35 49 53 54 20 00 0c 00 00 00 00 0c 19 e8 PU5IST .....

00d0: 00 f0 0d 43 50 55 36 49 53 54 20 00 0c 00 00 00 ...CPU6IST .....

00e0: 00 0c 19 e8 00 f0 0d 43 50 55 37 49 53 54 20 00 .....CPU7IST .

00f0: 0c 00 00 00 00 0c 19 e8 00 f0 08 43 46 47 44 0c .....CFGD.

0100: f2 83 01 02 08 5c 50 44 43 30 0c 00 00 00 80 08 .....PDC0.....

0110: 5c 50 44 43 31 0c 00 00 00 80 08 5c 50 44 43 32 \PDC1.....\PDC2

0120: 0c 00 00 00 80 08 5c 50 44 43 33 0c 00 00 00 80 .....PDC3.....

0130: 08 5c 50 44 43 34 0c 00 00 00 80 08 5c 50 44 43 \PDC4.....\PDC

0140: 35 0c 00 00 00 80 08 5c 50 44 43 36 0c 00 00 00 5.....\PDC6....

0150: 80 08 5c 50 44 43 37 0c 00 00 00 80 08 5c 53 44 ..\PDC7.....\SD

0160: 54 4c 0a 00 10 46 08 5c 2e 5f 50 52 5f 43 50 55 TL...F.\\_PR\\_CPU

0170: 31 08 48 49 31 5f 0a 00 08 48 43 31 5f 0a 00 08 1.HI1 ...HC1\_...

0180: 54 4c 44 31 0a 00 14 44 06 5f 50 44 43 01 8a 68 TLD1...D.\_PDC..h

0190: 0a 08 43 41 50 31 70 43 41 50 31 50 44 43 31 a0 ..CAP1pCAP1PDC1.

01a0: 4b 04 93 54 4c 44 31 0a 00 a0 41 04 93 7b 50 44 K..TLD1...A..{PD

01b0: 43 31 0a 0a 00 0a 0a a0 2c 7b 43 46 47 44 0a 02 C1.....,{CFGD..

01c0: 00 5b 80 49 53 54 31 00 83 88 53 53 44 54 0a 04 [.IST1...SSDT..

01d0: 00 83 88 53 53 44 54 0a 05 00 5b 20 49 53 54 31 ...SSDT...[ IST1

01e0: 48 49 31 5f 70 0a 01 54 4c 44 31 10 46 08 5c 2e HI1\_p..TLD1.F.\

01f0: 5f 50 52 5f 43 50 55 32 08 48 49 32 5f 0a 00 08 \_PR\\_CPU2.HI2\_...

0200: 48 43 32 5f 0a 00 08 54 4c 44 32 0a 00 14 44 06 HC2\_...TLD2...D.

0210: 5f 50 44 43 01 8a 68 0a 08 43 41 50 32 70 43 41 \_PDC..h..CAP2pCA

0220: 50 32 50 44 43 32 a0 4b 04 93 54 4c 44 32 0a 00 P2PDC2.K..TLD2..

0230: a0 41 04 93 7b 50 44 43 32 0a 0a 00 0a 0a a0 2c A..{PDC2.....,

0240: 7b 43 46 47 44 0a 02 00 5b 80 49 53 54 32 00 83 {CFGD...[.IST2..

0250: 88 53 53 44 54 0a 0d 00 83 88 53 53 44 54 0a 0e .SSDT.....SSDT..

0260: 00 5b 20 49 53 54 32 48 49 32 5f 70 0a 01 54 4c .[ IST2HI2\_p..TL  
0270: 44 32 10 46 08 5c 2e 5f 50 52 5f 43 50 55 33 08 D2.F.\\_PR\_CPU3.  
0280: 48 49 33 5f 0a 00 08 48 43 33 5f 0a 00 08 54 4c HI3\_...HC3\_...TL  
0290: 44 33 0a 00 14 44 06 5f 50 44 43 01 8a 68 0a 08 D3...D.\_PDC..h..  
02a0: 43 41 50 33 70 43 41 50 33 50 44 43 33 a0 4b 04 CAP3pCAP3PDC3.K.  
02b0: 93 54 4c 44 33 0a 00 a0 41 04 93 7b 50 44 43 33 .TLD3...A...{PDC3  
02c0: 0a 0a 00 0a 0a a0 2c 7b 43 46 47 44 0a 02 00 5b .....,{CFGD...[  
02d0: 80 49 53 54 33 00 83 88 53 53 44 54 0a 10 00 83 .IST3...SSDT....  
02e0: 88 53 53 44 54 0a 11 00 5b 20 49 53 54 33 48 49 .SSDT...[ IST3HI  
02f0: 33 5f 70 0a 01 54 4c 44 33 3\_p..TLD3

RSDT @ 0x7fee3040

0000: 52 53 44 54 38 00 00 00 01 05 49 6e 74 65 6c 52 RSDT8.....IntelR  
0010: 41 57 52 44 41 43 50 49 31 2e 30 42 41 57 52 44 AWRDACPI1.0BAWRD  
0020: 00 00 00 00 c0 30 ee 7f 00 82 ee 7f 00 81 ee 7f .....0.....  
0030: 80 82 ee 7f 50 87 ee 7f ....P...

RSD PTR @ 0xf7760

0000: 52 53 44 20 50 54 52 20 b6 49 6e 74 65 6c 52 00 RSD PTR .IntelR.  
0010: 40 30 ee 7f @0..

----- ACPI dump end -----

>> sys.1: cpu

vmware check: 0

>> misc.9: kernel log

----- kernel log -----

<5>Linux version 2.6.22.5-31-default (geeko@buildhost) (gcc version 4.2.1 (SUSE Linux)) #1 SMP 2007/09/21  
22:29:00 UTC

<6>BIOS-provided physical RAM map:

<4> BIOS-e820: 0000000000000000 - 000000000009f000 (usable)  
<4> BIOS-e820: 000000000009f000 - 0000000000a0000 (reserved)  
<4> BIOS-e820: 00000000000f0000 - 0000000000100000 (reserved)  
<4> BIOS-e820: 0000000000100000 - 000000007fee0000 (usable)  
<4> BIOS-e820: 000000007fee0000 - 000000007fee3000 (ACPI NVS)  
<4> BIOS-e820: 000000007fee3000 - 000000007fef0000 (ACPI data)  
<4> BIOS-e820: 000000007fef0000 - 000000007ff00000 (reserved)  
<4> BIOS-e820: 00000000e0000000 - 00000000f0000000 (reserved)  
<4> BIOS-e820: 00000000fec00000 - 0000000100000000 (reserved)

<5>1150MB HIGHMEM available.

<5>896MB LOWMEM available.

<6>found SMP MP-table at 000f37e0

<7>Entering add\_active\_range(0, 0, 524000) 0 entries of 256 used

<4>Zone PFN ranges:

<4> DMA 0 -> 4096

<4> Normal 4096 -> 229376

<4> HighMem 229376 -> 524000

<4>early\_node\_map[1] active PFN ranges

<4> 0: 0 -> 524000

<7>On node 0 totalpages: 524000

<7> DMA zone: 32 pages used for memmap

<7> DMA zone: 0 pages reserved

<7> DMA zone: 4064 pages, LIFO batch:0

<7> Normal zone: 1760 pages used for memmap

<7> Normal zone: 223520 pages, LIFO batch:31

<7> HighMem zone: 2301 pages used for memmap

<7> HighMem zone: 292323 pages, LIFO batch:31

<6>DMI 2.4 present.

<6>Using APIC driver default

<4>ACPI: RSDP 000F7760, 0014 (r0 IntelR)

<4>ACPI: RSDT 7FEE3040, 0038 (r1 IntelR AWRDACPI 42302E31 AWRD 0)

<4>ACPI: FACP 7FEE30C0, 0074 (r1 IntelR AWRDACPI 42302E31 AWRD 0)

<4>ACPI: DSDT 7FEE3180, 4F32 (r1 INTEL R AWRDACPI 1000 MSFT 100000E)

<4>ACPI: FACS 7FEE0000, 0040

<4>ACPI: MCFG 7FEE8200, 003C (r1 IntelR AWRDACPI 42302E31 AWRD 0)  
<4>ACPI: APIC 7FEE8100, 0084 (r1 IntelR AWRDACPI 42302E31 AWRD 0)  
<4>ACPI: SSDT 7FEE8280, 015C (r1 PmRef Cpu0Ist 3000 INTL 20041203)  
<4>ACPI: SSDT 7FEE8750, 02F9 (r1 PmRef CpuPm 3000 INTL 20041203)  
<6>ACPI: PM-Timer IO Port: 0x408  
<7>ACPI: Local APIC address 0xfee00000  
<6>ACPI: LAPIC (acpi\_id[0x00] lapic\_id[0x00] enabled)  
<4>Processor #0 6:15 APIC version 20  
<6>ACPI: LAPIC (acpi\_id[0x01] lapic\_id[0x01] enabled)  
<4>Processor #1 6:15 APIC version 20  
<6>ACPI: LAPIC (acpi\_id[0x02] lapic\_id[0x02] disabled)  
<6>ACPI: LAPIC (acpi\_id[0x03] lapic\_id[0x03] disabled)  
<6>ACPI: LAPIC\_NMI (acpi\_id[0x00] high edge lint[0x1])  
<6>ACPI: LAPIC\_NMI (acpi\_id[0x01] high edge lint[0x1])  
<6>ACPI: LAPIC\_NMI (acpi\_id[0x02] high edge lint[0x1])  
<6>ACPI: LAPIC\_NMI (acpi\_id[0x03] high edge lint[0x1])  
<6>ACPI: IOAPIC (id[0x04] address[0xfec00000] gsi\_base[0])  
<4>IOAPIC[0]: apic\_id 4, version 32, address 0xfec00000, GSI 0-23  
<6>ACPI: INT\_SRC\_OVR (bus 0 bus\_irq 0 global\_irq 2 dfl dfl)  
<6>ACPI: INT\_SRC\_OVR (bus 0 bus\_irq 9 global\_irq 9 high level)  
<7>ACPI: IRQ0 used by override.  
<7>ACPI: IRQ2 used by override.  
<7>ACPI: IRQ9 used by override.  
<4>Enabling APIC mode: Flat. Using 1 I/O APICs  
<6>Using ACPI (MADT) for SMP configuration information  
<4>Allocating PCI resources starting at 80000000 (gap: 7ff00000:60100000)  
<4>Built 1 zonelists. Total pages: 519907  
<5>Kernel command line: root=/dev/disk/by-id/scsi-SATA\_Maxtor\_6B200P0\_B42E01EH-part2 vga=0x31a  
resume=/dev/sdc1 splash=silent showopts  
<6>boot splash: silent mode.  
<7>mapped APIC to ffffd000 (fee00000)  
<7>mapped IOAPIC to ffffc000 (fec00000)  
<6>Enabling fast FPU save and restore... done.  
<6>Enabling unmasked SIMD FPU exception support... done.  
<6>Initializing CPU#0  
<4>PID hash table entries: 4096 (order: 12, 16384 bytes)  
<4>Detected 1800.027 MHz processor.  
<4>Console: colour dummy device 80x25  
<4>Dentry cache hash table entries: 131072 (order: 7, 524288 bytes)  
<4>Inode-cache hash table entries: 65536 (order: 6, 262144 bytes)  
<6>Memory: 2070012k/2096000k available (1825k kernel code, 24696k reserved, 764k data, 228k init, 1178496k  
highmem)  
<4>virtual kernel memory layout:  
<4> fixmap : 0xffdf4000 - 0xfffff000 (2092 kB)  
<4> pkmap : 0xff800000 - 0xffc00000 (4096 kB)  
<4> vmalloc : 0xf8800000 - 0xff7fe000 (111 MB)  
<4> lowmem : 0xc0000000 - 0xf8000000 (896 MB)  
<4> .init : 0xc038e000 - 0xc03c7000 (228 kB)  
<4> .data : 0xc02c86ed - 0xc0387964 (764 kB)  
<4> .text : 0xc0100000 - 0xc02c86ed (1825 kB)  
<4>Checking if this processor honours the WP bit even in supervisor mode... Ok.  
<4>Calibrating delay using timer specific routine.. 3603.02 BogoMIPS (lpj=7206040)  
<6>Security Framework v1.0.0 initialized  
<4>Mount-cache hash table entries: 512  
<7>CPU: After generic identify, caps: bfebfbff 20100000 00000000 00000000 0000e39d 00000000 00000001  
<4>monitor/mwait feature present.  
<4>using mwait in idle threads.  
<6>CPU: L1 I cache: 32K, L1 D cache: 32K  
<6>CPU: L2 cache: 1024K  
<6>CPU: Physical Processor ID: 0  
<6>CPU: Processor Core ID: 0  
<7>CPU: After all inits, caps: bfebfbff 20100000 00000000 00003940 0000e39d 00000000 00000001  
<6>Intel machine check architecture supported.

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<6>Intel machine check reporting enabled on CPU#0.
<4>Compat vDSO mapped to fffff000.
<6>Checking 'hlt' instruction... OK.
<6>SMP alternatives: switching to UP code
<6>Unpacking initramfs... done
<6>Freeing initrd memory: 4049k freed
<6>ACPI: Core revision 20070126
<4>Parsing all Control Methods:
<4>Table [DSDT](id 0001) - 697 Objects with 67 Devices 183 Methods 38 Regions
<4>Parsing all Control Methods:
<4>Table [SSDT](id 0002) - 5 Objects with 0 Devices 3 Methods 0 Regions
<4>Parsing all Control Methods:
<4>Table [SSDT](id 0003) - 23 Objects with 0 Devices 3 Methods 0 Regions
<4> tbxface-0587 [00] tb_load_namespace : ACPI Tables successfully acquired
<4>evxfevnt-0091 [00] enable : Transition to ACPI mode successful
<4>CPU0: Intel Genuine Intel(R) CPU 2160 @ 1.80GHz stepping 02
<6>SMP alternatives: switching to SMP code
<4>Booting processor 1/1 eip 3000
<6>Initializing CPU#1
<4>Calibrating delay using timer specific routine.. 3600.28 BogoMIPS (lpj=7200569)
<7>CPU: After generic identify, caps: bfebfbff 20100000 00000000 00000000 0000e39d 00000000 00000001
<4>monitor/mwait feature present.
<6>CPU: L1 I cache: 32K, L1 D cache: 32K
<6>CPU: L2 cache: 1024K
<6>CPU: Physical Processor ID: 0
<6>CPU: Processor Core ID: 1
<7>CPU: After all inits, caps: bfebfbff 20100000 00000000 00003940 0000e39d 00000000 00000001
<6>Intel machine check architecture supported.
<6>Intel machine check reporting enabled on CPU#1.
<4>CPU1: Intel Genuine Intel(R) CPU 2160 @ 1.80GHz stepping 02
<6>Total of 2 processors activated (7203.30 BogoMIPS).
<4>ENABLING IO-APIC IRQs
<6>..TIMER: vector=0x31 apic1=0 pin1=2 apic2=-1 pin2=-1
<6>checking TSC synchronization [CPU#0 -> CPU#1]: passed.
<6>Brought up 2 CPUs
<4>migration_cost=43
<6>Booting paravirtualized kernel on bare hardware
<6>NET: Registered protocol family 16
<6>ACPI: bus type pci registered
<6>PCI: Using MMCONFIG
<4>Setting up standard PCI resources
<4>evgpeblk-0956 [00] ev_create_gpe_block : GPE 00 to 1F [_GPE] 4 regs on int 0x9
<4>evgpeblk-1052 [00] ev_initialize_gpe_bloc: Found 9 Wake, Enabled 1 Runtime GPEs in this block
<4>Completing Region/Field/Buffer/Package
initialization:.....
<4>Initialized 38/38 Regions 14/14 Fields 20/20 Buffers 29/36 Packages (734 nodes)
<4>Initializing Device/Processor/Thermal objects by executing _INI methods:..
<4>Executed 2 _INI methods requiring 1 _STA executions (examined 74 objects)
<6>ACPI: Interpreter enabled
<6>ACPI: (supports S0 S3 S4 S5)
<6>ACPI: Using IOAPIC for interrupt routing
<6>ACPI: PCI Root Bridge [PCI0] (0000:00)
<7>PCI: Probing PCI hardware (bus 00)
<4>PCI quirk: region 0400-047f claimed by ICH6 ACPI/GPIO/TCO
<4>PCI quirk: region 0480-04bf claimed by ICH6 GPIO
<6>PCI: Transparent bridge - 0000:00:1e.0
<7>ACPI: PCI Interrupt Routing Table [_SB_.PCI0._PRT]
<7>ACPI: PCI Interrupt Routing Table [_SB_.PCI0.HUB0._PRT]
<4>ACPI: PCI Interrupt Link [LNKA] (IRQs *3 4 5 7 9 10 11 12)
<4>ACPI: PCI Interrupt Link [LNKB] (IRQs 3 4 5 7 9 10 11 12) *0, disabled.
<4>ACPI: PCI Interrupt Link [LNKC] (IRQs 3 4 5 7 9 10 *11 12)
<4>ACPI: PCI Interrupt Link [LNKD] (IRQs 3 4 5 7 9 10 *11 12)
<4>ACPI: PCI Interrupt Link [LNKE] (IRQs 3 4 *5 7 9 10 11 12)

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<4>ACPI: PCI Interrupt Link [LNKF] (IRQs 3 4 5 7 9 \*10 11 12)  
<4>ACPI: PCI Interrupt Link [LNK0] (IRQs 3 \*4 5 7 9 10 11 12)  
<4>ACPI: PCI Interrupt Link [LNK1] (IRQs 3 4 5 7 \*9 10 11 12)  
<6>Linux Plug and Play Support v0.97 (c) Adam Belay  
<6>pnp: PnP ACPI init  
<6>ACPI: bus type pnp registered  
<6>pnp: PnP ACPI: found 14 devices  
<6>ACPI: ACPI bus type pnp unregistered  
<6>PnPBIOS: Disabled by ACPI PNP  
<6>PCI: Using ACPI for IRQ routing  
<6>PCI: If a device doesn't work, try "pci=routeirq". If it helps, post a report  
<4>ACPI: RTC can wake from S4  
<6>pnp: 00:0a: ioport range 0x400-0x4bf could not be reserved  
<6>pnp: 00:0c: iomem range 0xe000000-0xffffffff could not be reserved  
<6>pnp: 00:0d: iomem range 0xd1e00-0xd3fff has been reserved  
<6>pnp: 00:0d: iomem range 0xf0000-0xf7fff could not be reserved  
<6>pnp: 00:0d: iomem range 0xf8000-0xfbfff could not be reserved  
<6>pnp: 00:0d: iomem range 0xfc000-0xffff could not be reserved  
<6>Time: tsc clocksource has been installed.  
<6>PCI: Bridge: 0000:00:01.0  
<6> IO window: c000-cfff  
<6> MEM window: fa000000-fcffffff  
<6> PREFETCH window: d0000000-dfffffff  
<6>PCI: Bridge: 0000:00:1e.0  
<6> IO window: d000-dfff  
<6> MEM window: fde00000-fdeffffff  
<6> PREFETCH window: fdd00000-fddffffff  
<6>ACPI: PCI Interrupt 0000:00:01.0[A] -> GSI 16 (level, low) -> IRQ 16  
<7>PCI: Setting latency timer of device 0000:00:01.0 to 64  
<7>PCI: Setting latency timer of device 0000:00:1e.0 to 64  
<6>NET: Registered protocol family 2  
<4>IP route cache hash table entries: 32768 (order: 5, 131072 bytes)  
<4>TCP established hash table entries: 131072 (order: 8, 1572864 bytes)  
<4>TCP bind hash table entries: 65536 (order: 7, 524288 bytes)  
<6>TCP: Hash tables configured (established 131072 bind 65536)  
<6>TCP reno registered  
<6>Machine check exception polling timer started.  
<6>audit: initializing netlink socket (disabled)  
<5>audit(1196625788.516:1): initialized  
<4>highmem bounce pool size: 64 pages  
<4>Total HugeTLB memory allocated, 0  
<5>VFS: Disk quotas dquot\_6.5.1  
<4>Dquot-cache hash table entries: 1024 (order 0, 4096 bytes)  
<6>io scheduler noop registered  
<6>io scheduler anticipatory registered  
<6>io scheduler deadline registered  
<6>io scheduler cfq registered (default)  
<7>Boot video device is 0000:01:00.0  
<7>PCI: Setting latency timer of device 0000:00:01.0 to 64  
<4>assign\_interrupt\_mode Found MSI capability  
<7>Allocate Port Service[0000:00:01.0:pcie00]  
<7>Allocate Port Service[0000:00:01.0:pcie03]  
<6>vesafb: framebuffer at 0xd0000000, mapped to 0xf8880000, using 10240k, total 131072k  
<6>vesafb: mode is 1280x1024x16, linelength=2560, pages=1  
<6>vesafb: protected mode interface info at c000:c340  
<6>vesafb: pmi: set display start = c00cc376, set palette = c00cc3e0  
<6>vesafb: pmi: ports = 3b4 3b5 3ba 3c0 3c1 3c4 3c5 3c6 3c7 3c8 3c9 3cc 3ce 3cf 3d0 3d1 3d2 3d3 3d4 3d5 3da  
<6>vesafb: scrolling: redraw  
<6>vesafb: Truecolor: size=0:5:6:5, shift=0:11:5:0  
<6>bootsplash 3.1.6-2004/03/31: looking for picture...  
<6>bootsplash: silentjpeg size 98233 bytes  
<6>bootsplash: ...found (1280x1024, 35219 bytes, v3).  
<4>Console: switching to colour frame buffer device 156x60



<6>fb0: VESA VGA frame buffer device  
<6>isapnp: Scanning for PnP cards...  
<6>Switched to NOHz mode on CPU #1  
<6>Switched to NOHz mode on CPU #0  
<6>isapnp: No Plug & Play device found  
<6>Real Time Clock Driver v1.12ac  
<6>Serial: 8250/16550 driver \$Revision: 1.90 \$ 4 ports, IRQ sharing enabled  
<6>serial8250: ttyS0 at I/O 0x3f8 (irq = 4) is a 16550A  
<6>00:07: ttyS0 at I/O 0x3f8 (irq = 4) is a 16550A  
<6>Floppy drive(s): fd0 is 1.44M  
<6>FDC 0 is a post-1991 82077  
<6>PNP: PS/2 Controller [PNP0303:PS2K,PNP0f13:PS2M] at 0x60,0x64 irq 1,12  
<6>serio: i8042 KBD port at 0x60,0x64 irq 1  
<6>serio: i8042 AUX port at 0x60,0x64 irq 12  
<6>mice: PS/2 mouse device common for all mice  
<6>input: AT Translated Set 2 keyboard as /class/input/input0  
<6>input: PC Speaker as /class/input/input1  
<6>input: ImExPS/2 Generic Explorer Mouse as /class/input/input2  
<6>NET: Registered protocol family 1  
<4>Using IPI No-Shortcut mode  
<6>Freeing unused kernel memory: 228k freed  
<4>ACPI: SSDT 7FEE8680, 00CE (r1 PmRef Cpu1Ist 3000 INTL 20041203)  
<4>Parsing all Control Methods:  
<4>Table [SSDT](id 000B) - 3 Objects with 0 Devices 3 Methods 0 Regions  
<4>ACPI Exception (processor\_core-0787): AE\_NOT\_FOUND, Processor Device is not present [20070126]  
<4>ACPI Exception (processor\_core-0787): AE\_NOT\_FOUND, Processor Device is not present [20070126]  
<6>ACPI: Thermal Zone [THRM] (26 C)  
<5>SCSI subsystem initialized  
<7>libata version 3.00 loaded.  
<7>ata\_piix 0000:00:1f.2: version 2.11  
<6>ata\_piix 0000:00:1f.2: MAP [ P0 P2 P1 P3 ]  
<6>ACPI: PCI Interrupt 0000:00:1f.2[B] -> GSI 19 (level, low) -> IRQ 17  
<7>PCI: Setting latency timer of device 0000:00:1f.2 to 64  
<6>scsi0 : ata\_piix  
<6>scsi1 : ata\_piix  
<6>ata1: SATA max UDMA/133 cmd 0x0001fa00 ctl 0x0001f902 bmdma 0x0001f600 irq 17  
<6>ata2: SATA max UDMA/133 cmd 0x0001f800 ctl 0x0001f702 bmdma 0x0001f608 irq 17  
<6>ata1.00: ATA-7: WDC WD2500KS-00MJB0, 02.01C03, max UDMA/133  
<6>ata1.00: 488397168 sectors, multi 16: LBA48  
<6>ata1.00: configured for UDMA/133  
<6>ata2.00: ATA-7: WDC WD800JD-00MSA1, 10.01E01, max UDMA/133  
<6>ata2.00: 156301488 sectors, multi 16: LBA48 NCQ (depth 0/32)  
<6>ata2.00: configured for UDMA/133  
<5>scsi 0:0:0: Direct-Access ATA WDC WD2500KS-00M 02.0 PQ: 0 ANSI: 5  
<5>scsi 1:0:0: Direct-Access ATA WDC WD800JD-00MS 10.0 PQ: 0 ANSI: 5  
<6>ata\_piix 0000:00:1f.5: MAP [ P0 P2 P1 P3 ]  
<6>ACPI: PCI Interrupt 0000:00:1f.5[B] -> GSI 19 (level, low) -> IRQ 17  
<7>PCI: Setting latency timer of device 0000:00:1f.5 to 64  
<6>scsi2 : ata\_piix  
<6>scsi3 : ata\_piix  
<6>ata3: SATA max UDMA/133 cmd 0x0001f300 ctl 0x0001f202 bmdma 0x0001ef00 irq 17  
<6>ata4: SATA max UDMA/133 cmd 0x0001f100 ctl 0x0001f002 bmdma 0x0001ef08 irq 17  
<6>ata3.00: ATAPI: ASUS DRW-1612BL, 1.10, max UDMA/66  
<6>ata3.00: configured for UDMA/66  
<6>ata3: EH pending after completion, repeating EH (cnt=4)  
<5>scsi 2:0:0: CD-ROM ASUS DRW-1612BL 1.10 PQ: 0 ANSI: 5  
<6>pata\_it821x: controller in pass through mode.  
<6>ACPI: PCI Interrupt 0000:02:02.0[A] -> GSI 21 (level, low) -> IRQ 18  
<7>PCI: Setting latency timer of device 0000:02:02.0 to 64  
<6>scsi4 : pata\_it821x  
<6>scsi5 : pata\_it821x  
<6>ata5: PATA max UDMA/133 cmd 0x0001df00 ctl 0x0001de02 bmdma 0x0001db00 irq 18  
<6>ata6: PATA max UDMA/133 cmd 0x0001dd00 ctl 0x0001dc02 bmdma 0x0001db08 irq 18

<6>ata6.00: ATA-7: Maxtor 6B200P0, BAH41G10, max UDMA/133  
<6>ata6.00: 398297088 sectors, multi 0: LBA48  
<6>ata6.00: configured for UDMA/133  
<5>scsi 5:0:0:0: Direct-Access ATA Maxtor 6B200P0 BAH4 PQ: 0 ANSI: 5  
<6>ACPI: Fan [FAN] (on)  
<6>BIOS EDD facility v0.16 2004-Jun-25, 3 devices found  
<6>usbcore: registered new interface driver usbfs  
<6>usbcore: registered new interface driver hub  
<6>usbcore: registered new device driver usb  
<6>ACPI: PCI Interrupt 0000:00:1a.7[C] -> GSI 18 (level, low) -> IRQ 19  
<7>PCI: Setting latency timer of device 0000:00:1a.7 to 64  
<6>ehci\_hcd 0000:00:1a.7: EHCI Host Controller  
<6>ehci\_hcd 0000:00:1a.7: new USB bus registered, assigned bus number 1  
<7>PCI: cache line size of 32 is not supported by device 0000:00:1a.7  
<6>ehci\_hcd 0000:00:1a.7: irq 19, io mem 0xfdf000  
<6>ehci\_hcd 0000:00:1a.7: USB 2.0 started, EHCI 1.00, driver 10 Dec 2004  
<6>usb usb1: new device found, idVendor=0000, idProduct=0000  
<6>usb usb1: new device strings: Mfr=3, Product=2, SerialNumber=1  
<6>usb usb1: Product: EHCI Host Controller  
<6>usb usb1: Manufacturer: Linux 2.6.22.5-31-default ehci\_hcd  
<6>usb usb1: SerialNumber: 0000:00:1a.7  
<6>usb usb1: configuration #1 chosen from 1 choice  
<6>hub 1-0:1.0: USB hub found  
<5>sd 0:0:0:0: [sda] 488397168 512-byte hardware sectors (250059 MB)  
<5>sd 0:0:0:0: [sda] Write Protect is off  
<7>sd 0:0:0:0: [sda] Mode Sense: 00 3a 00 00  
<5>sd 0:0:0:0: [sda] Write cache: enabled, read cache: enabled, doesn't support DPO or FUA  
<5>sd 0:0:0:0: [sda] 488397168 512-byte hardware sectors (250059 MB)  
<5>sd 0:0:0:0: [sda] Write Protect is off  
<7>sd 0:0:0:0: [sda] Mode Sense: 00 3a 00 00  
<5>sd 0:0:0:0: [sda] Write cache: enabled, read cache: enabled, doesn't support DPO or FUA  
<6> sda:<6>hub 1-0:1.0: 4 ports detected  
<6>USB Universal Host Controller Interface driver v3.0  
<4> sda1 < sda5 sda6 >  
<5>sd 0:0:0:0: [sda] Attached SCSI disk  
<5>sd 1:0:0:0: [sdb] 156301488 512-byte hardware sectors (80026 MB)  
<5>sd 1:0:0:0: [sdb] Write Protect is off  
<7>sd 1:0:0:0: [sdb] Mode Sense: 00 3a 00 00  
<5>sd 1:0:0:0: [sdb] Write cache: enabled, read cache: enabled, doesn't support DPO or FUA  
<5>sd 1:0:0:0: [sdb] 156301488 512-byte hardware sectors (80026 MB)  
<5>sd 1:0:0:0: [sdb] Write Protect is off  
<7>sd 1:0:0:0: [sdb] Mode Sense: 00 3a 00 00  
<5>sd 1:0:0:0: [sdb] Write cache: enabled, read cache: enabled, doesn't support DPO or FUA  
<6>ACPI: PCI Interrupt 0000:00:1d.7[A] -> GSI 23 (level, low) -> IRQ 20  
<7>PCI: Setting latency timer of device 0000:00:1d.7 to 64  
<6>ehci\_hcd 0000:00:1d.7: EHCI Host Controller  
<6>ehci\_hcd 0000:00:1d.7: new USB bus registered, assigned bus number 2  
<7>PCI: cache line size of 32 is not supported by device 0000:00:1d.7  
<6>ehci\_hcd 0000:00:1d.7: irq 20, io mem 0xfdf000  
<6>ehci\_hcd 0000:00:1d.7: USB 2.0 started, EHCI 1.00, driver 10 Dec 2004  
<6>usb usb2: new device found, idVendor=0000, idProduct=0000  
<6>usb usb2: new device strings: Mfr=3, Product=2, SerialNumber=1  
<6>usb usb2: Product: EHCI Host Controller  
<6> sdb:<6>usb usb2: Manufacturer: Linux 2.6.22.5-31-default ehci\_hcd  
<6>usb usb2: SerialNumber: 0000:00:1d.7  
<4> sdb1  
<6>usb usb2: configuration #1 chosen from 1 choice  
<6>hub 2-0:1.0: USB hub found  
<6>hub 2-0:1.0: 6 ports detected  
<5>sd 1:0:0:0: [sdb] Attached SCSI disk  
<5>sd 5:0:0:0: [sdc] 398297088 512-byte hardware sectors (203928 MB)  
<5>sd 5:0:0:0: [sdc] Write Protect is off  
<7>sd 5:0:0:0: [sdc] Mode Sense: 00 3a 00 00

<5>sd 5:0:0:0: [sdc] Write cache: enabled, read cache: enabled, doesn't support DPO or FUA  
<5>sd 5:0:0:0: [sdc] 398297088 512-byte hardware sectors (203928 MB)  
<5>sd 5:0:0:0: [sdc] Write Protect is off  
<7>sd 5:0:0:0: [sdc] Mode Sense: 00 3a 00 00  
<5>sd 5:0:0:0: [sdc] Write cache: enabled, read cache: enabled, doesn't support DPO or FUA  
<6> sdc:<6>ACPI: PCI Interrupt 0000:00:1a.0[A] -> GSI 16 (level, low) -> IRQ 16  
<4> sdc1 sdc2 sdc3  
<5>sd 5:0:0:0: [sdc] Attached SCSI disk  
<7>PCI: Setting latency timer of device 0000:00:1a.0 to 64  
<6>uhci\_hcd 0000:00:1a.0: UHCI Host Controller  
<6>uhci\_hcd 0000:00:1a.0: new USB bus registered, assigned bus number 3  
<6>uhci\_hcd 0000:00:1a.0: irq 16, io base 0x0000ff00  
<6>usb usb3: new device found, idVendor=0000, idProduct=0000  
<6>usb usb3: new device strings: Mfr=3, Product=2, SerialNumber=1  
<6>usb usb3: Product: UHCI Host Controller  
<6>usb usb3: Manufacturer: Linux 2.6.22.5-31-default uhci\_hcd  
<6>usb usb3: SerialNumber: 0000:00:1a.0  
<6>usb usb3: configuration #1 chosen from 1 choice  
<6>hub 3-0:1.0: USB hub found  
<6>hub 3-0:1.0: 2 ports detected  
<6>ACPI: PCI Interrupt 0000:00:1a.1[B] -> GSI 21 (level, low) -> IRQ 18  
<7>PCI: Setting latency timer of device 0000:00:1a.1 to 64  
<6>uhci\_hcd 0000:00:1a.1: UHCI Host Controller  
<6>uhci\_hcd 0000:00:1a.1: new USB bus registered, assigned bus number 4  
<6>uhci\_hcd 0000:00:1a.1: irq 18, io base 0x0000fe00  
<6>usb usb4: new device found, idVendor=0000, idProduct=0000  
<6>usb usb4: new device strings: Mfr=3, Product=2, SerialNumber=1  
<6>usb usb4: Product: UHCI Host Controller  
<6>usb usb4: Manufacturer: Linux 2.6.22.5-31-default uhci\_hcd  
<6>usb usb4: SerialNumber: 0000:00:1a.1  
<6>usb usb4: configuration #1 chosen from 1 choice  
<6>hub 4-0:1.0: USB hub found  
<6>hub 4-0:1.0: 2 ports detected  
<6>ACPI: PCI Interrupt 0000:00:1d.0[A] -> GSI 23 (level, low) -> IRQ 20  
<7>PCI: Setting latency timer of device 0000:00:1d.0 to 64  
<6>uhci\_hcd 0000:00:1d.0: UHCI Host Controller  
<6>uhci\_hcd 0000:00:1d.0: new USB bus registered, assigned bus number 5  
<6>uhci\_hcd 0000:00:1d.0: irq 20, io base 0x0000fd00  
<6>usb usb5: new device found, idVendor=0000, idProduct=0000  
<6>usb usb5: new device strings: Mfr=3, Product=2, SerialNumber=1  
<6>usb usb5: Product: UHCI Host Controller  
<6>usb usb5: Manufacturer: Linux 2.6.22.5-31-default uhci\_hcd  
<6>usb usb5: SerialNumber: 0000:00:1d.0  
<6>usb usb5: configuration #1 chosen from 1 choice  
<6>hub 5-0:1.0: USB hub found  
<6>hub 5-0:1.0: 2 ports detected  
<6>ACPI: PCI Interrupt 0000:00:1d.1[B] -> GSI 19 (level, low) -> IRQ 17  
<7>PCI: Setting latency timer of device 0000:00:1d.1 to 64  
<6>uhci\_hcd 0000:00:1d.1: UHCI Host Controller  
<6>uhci\_hcd 0000:00:1d.1: new USB bus registered, assigned bus number 6  
<6>uhci\_hcd 0000:00:1d.1: irq 17, io base 0x0000fc00  
<6>usb usb6: new device found, idVendor=0000, idProduct=0000  
<6>usb usb6: new device strings: Mfr=3, Product=2, SerialNumber=1  
<6>usb usb6: Product: UHCI Host Controller  
<6>usb usb6: Manufacturer: Linux 2.6.22.5-31-default uhci\_hcd  
<6>usb usb6: SerialNumber: 0000:00:1d.1  
<6>usb usb6: configuration #1 chosen from 1 choice  
<6>hub 6-0:1.0: USB hub found  
<6>hub 6-0:1.0: 2 ports detected  
<6>ACPI: PCI Interrupt 0000:00:1d.2[C] -> GSI 18 (level, low) -> IRQ 19  
<7>PCI: Setting latency timer of device 0000:00:1d.2 to 64  
<6>uhci\_hcd 0000:00:1d.2: UHCI Host Controller  
<6>uhci\_hcd 0000:00:1d.2: new USB bus registered, assigned bus number 7

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<6>uhci_hcd 0000:00:1d.2: irq 19, io base 0x0000fb00
<6>usb usb7: new device found, idVendor=0000, idProduct=0000
<6>usb usb7: new device strings: Mfr=3, Product=2, SerialNumber=1
<6>usb usb7: Product: UHCI Host Controller
<6>usb usb7: Manufacturer: Linux 2.6.22.5-31-default uhci_hcd
<6>usb usb7: SerialNumber: 0000:00:1d.2
<6>usb usb7: configuration #1 chosen from 1 choice
<6>hub 7-0:1.0: USB hub found
<6>hub 7-0:1.0: 2 ports detected
<4>swsusp: Basic memory bitmaps created
<4>swsusp: Basic memory bitmaps freed
<4>Attempting manual resume
<6>kjournald starting. Commit interval 5 seconds
<6>EXT3 FS on sdc2, internal journal
<6>EXT3-fs: mounted filesystem with ordered data mode.
<5>sd 0:0:0:0: Attached scsi generic sg0 type 0
<5>sd 1:0:0:0: Attached scsi generic sg1 type 0
<5>scsi 2:0:0:0: Attached scsi generic sg2 type 5
<5>sd 5:0:0:0: Attached scsi generic sg3 type 0
<4>sr0: scsi3-mmc drive: 94x/94x writer dvd-ram cd/rw xa/form2 cdda tray
<6>Uniform CD-ROM driver Revision: 3.20
<6>iTCO_vendor_support: vendor-support=0
<7>sr 2:0:0:0: Attached scsi CD-ROM sr0
<6>Linux agpgart interface v0.102 (c) Dave Jones
<6>ACPI: PCI Interrupt 0000:00:1f.3[B] -> GSI 19 (level, low) -> IRQ 17
<6>input: Power Button (FF) as /class/input/input3
<6>ACPI: Power Button (FF) [PWRF]
<6>input: Power Button (CM) as /class/input/input4
<6>ACPI: Power Button (CM) [PWRB]
<6>iTCO_wdt: Intel TCO WatchDog Timer Driver v1.01 (21-Jan-2007)
<6>iTCO_wdt: Found a ICH8 or ICH8R TCO device (Version=2, TCOBASE=0x0460)
<6>iTCO_wdt: initialized. heartbeat=30 sec (nowayout=0)
<6>rtc_cmos 00:03: rtc core: registered rtc_cmos as rtc0
<4>rtc_cmos: probe of 00:03 failed with error -16
<6>Linux video capture interface: v2.00
<6>saa7130/34: v4l2 driver version 0.2.14 loaded
<6>ACPI: PCI Interrupt 0000:02:05.0[A] -> GSI 22 (level, low) -> IRQ 21
<6>saa7133[0]: found at 0000:02:05.0, rev: 208, irq: 21, latency: 255, mmio: 0xfdef000
<6>saa7133[0]: subsystem: ffff:ffff, board: UNKNOWN/GENERIC [card=0,autodetected]
<6>saa7133[0]: board init: gpio is 40
<6>ACPI: PCI Interrupt 0000:00:1b.0[A] -> GSI 22 (level, low) -> IRQ 21
<7>PCI: Setting latency timer of device 0000:00:1b.0 to 64
<6>saa7133[0]: i2c eeprom 00: ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff
<6>saa7133[0]: i2c eeprom 10: ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff
<6>saa7133[0]: i2c eeprom 20: ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff
<6>saa7133[0]: i2c eeprom 30: ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff
<6>saa7133[0]: i2c eeprom 40: ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff
<6>saa7133[0]: i2c eeprom 50: ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff
<6>saa7133[0]: i2c eeprom 60: ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff
<6>saa7133[0]: i2c eeprom 70: ff<6>hda_codec: Unknown model for ALC883, trying auto-probe from BIOS...
<4> ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff
<7>ALSA sound/pci/hda/hda_codec.c:2331: autoconfig: line_outs=4 (0x14/0x15/0x16/0x17/0x0)
<7>ALSA sound/pci/hda/hda_codec.c:2335: speaker_outs=0 (0x0/0x0/0x0/0x0/0x0)
<7>ALSA sound/pci/hda/hda_codec.c:2339: hp_outs=1 (0x1b/0x0/0x0/0x0/0x0)
<7>ALSA sound/pci/hda/hda_codec.c:2347: inputs: mic=0x18, fmic=0x19, line=0x1a, fline=0x0, cd=0x1c,
aux=0x0
<6>saa7133[0]: registered device video0 [v4l2]
<6>saa7133[0]: registered device vbi0
<6>r8169 Gigabit Ethernet driver 2.2LK-NAPI loaded
<6>ACPI: PCI Interrupt 0000:02:01.0[A] -> GSI 20 (level, low) -> IRQ 22
<6>eth0: RTL8169sc/8110sc at 0xf961e000, 00:50:8d:b2:11:c4, IRQ 22
<6>Adding 2104472k swap on /dev/sdc1. Priority:-1 extents:1 across:2104472k
<6>device-mapper: ioctl: 4.11.0-ioctl (2006-10-12) initialised: dm-devel@redhat.com
```

<6>loop: module loaded  
<6>kjournald starting. Commit interval 5 seconds  
<6>EXT3 FS on sdc3, internal journal  
<6>EXT3-fs: mounted filesystem with ordered data mode.  
<4>fuse init (API version 7.8)  
<6>AppArmor: AppArmor initialized  
<5>audit(1196625799.016:2): type=1505 info="AppArmor initialized" pid=2058  
<6>bootplash: status on console 0 changed to on  
<6>powernow: This module only works with AMD K7 CPUs  
<6>NET: Registered protocol family 10  
<6>lo: Disabled Privacy Extensions  
<6>Mobile IPv6  
<6>r8169: eth0: link up  
<6>Uniform Multi-Platform E-IDE driver Revision: 7.00alpha2  
<6>ide: Assuming 33MHz system bus speed for PIO modes; override with idebus=xx  
<6>st: Version 20070203, fixed bufsize 32768, s/g segs 256  
<7>eth0: no IPv6 routers present  
<4>ip\_tables: (C) 2000-2006 Netfilter Core Team  
<6>NET: Registered protocol family 17  
<6>r8169: eth0: link up  
<4>ip6\_tables: (C) 2000-2006 Netfilter Core Team  
<4>Netfilter messages via NETLINK v0.30.  
<4>nf\_conntrack version 0.5.0 (8192 buckets, 65536 max)  
<7>eth0: no IPv6 routers present  
<6>lp: driver loaded but no devices found  
<6>lp: driver loaded but no devices found  
<6>ACPI: PCI interrupt for device 0000:00:1b.0 disabled  
<6>ACPI: PCI Interrupt 0000:00:1b.0[A] -> GSI 22 (level, low) -> IRQ 21  
<7>PCI: Setting latency timer of device 0000:00:1b.0 to 64  
<6>hda\_codec: Unknown model for ALC883, trying auto-probe from BIOS...  
<7>ALSA sound/pci/hda/hda\_codec.c:2331: autoconfig: line\_outs=4 (0x14/0x15/0x16/0x17/0x0)  
<7>ALSA sound/pci/hda/hda\_codec.c:2335: speaker\_outs=0 (0x0/0x0/0x0/0x0/0x0)  
<7>ALSA sound/pci/hda/hda\_codec.c:2339: hp\_outs=1 (0x1b/0x0/0x0/0x0/0x0)  
<7>ALSA sound/pci/hda/hda\_codec.c:2347: inputs: mic=0x18, fmic=0x19, line=0x1a, fline=0x0, cd=0x1c, aux=0x0  
<7>ISO 9660 Extensions: Microsoft Joliet Level 3  
<7>ISO 9660 Extensions: RRIP\_1991A  
<4>end\_request: I/O error, dev fd0, sector 0  
<6>IA-32 Microcode Update Driver: v1.14a <tigran@aivazian.fsnet.co.uk>  
<6>r8169: eth0: link up  
<4>martian source 255.255.255.255 from 192.168.1.1, on dev eth0  
<4>ll header: ff:ff:ff:ff:ff:ff:00:18:e7:05:d1:95:08:00  
<5>audit(1196618867.714:3): audit\_backlog\_limit=320 old=64 by auid=4294967295 res=1  
<5>audit(1196618867.714:4): audit\_pid=9162 old=0 by auid=4294967295  
<4>SFW2-INext-DROP-DEFLT IN=eth0 OUT= MAC= SRC=192.168.1.4 DST=224.0.0.251 LEN=414 TOS=0x00  
PREC=0x00 TTL=255 ID=0 DF PROTO=UDP SPT=5353 DPT=5353 LEN=394  
<4>SFW2-INext-DROP-DEFLT IN=eth0 OUT= MAC= SRC=192.168.1.4 DST=224.0.0.251 LEN=64 TOS=0x00  
PREC=0x00 TTL=255 ID=0 DF PROTO=UDP SPT=5353 DPT=5353 LEN=44  
<4>SFW2-INext-DROP-DEFLT IN=eth0 OUT= MAC= SRC=192.168.1.4 DST=224.0.0.251 LEN=243 TOS=0x00  
PREC=0x00 TTL=255 ID=0 DF PROTO=UDP SPT=5353 DPT=5353 LEN=223  
<4>SFW2-INext-DROP-DEFLT IN=eth0 OUT= MAC= SRC=192.168.1.4 DST=224.0.0.251 LEN=414 TOS=0x00  
PREC=0x00 TTL=255 ID=0 DF PROTO=UDP SPT=5353 DPT=5353 LEN=394  
<4>SFW2-INext-DROP-DEFLT IN=eth0 OUT= MAC= SRC=192.168.1.4 DST=224.0.0.251 LEN=64 TOS=0x00  
PREC=0x00 TTL=255 ID=0 DF PROTO=UDP SPT=5353 DPT=5353 LEN=44  
<7>eth0: no IPv6 routers present  
<7>ISO 9660 Extensions: Microsoft Joliet Level 3  
<7>ISO 9660 Extensions: RRIP\_1991A  
<4>SFW2-INext-DROP-DEFLT IN=eth0 OUT= MAC= SRC=192.168.1.4 DST=224.0.0.251 LEN=64 TOS=0x00  
PREC=0x00 TTL=255 ID=0 DF PROTO=UDP SPT=5353 DPT=5353 LEN=44  
<4>SFW2-INext-DROP-DEFLT IN=eth0 OUT= MAC= SRC=192.168.1.4 DST=224.0.0.251 LEN=64 TOS=0x00  
PREC=0x00 TTL=255 ID=0 DF PROTO=UDP SPT=5353 DPT=5353 LEN=44  
<4>SFW2-INext-DROP-DEFLT IN=eth0 OUT= MAC= SRC=192.168.1.4 DST=224.0.0.251 LEN=64 TOS=0x00  
PREC=0x00 TTL=255 ID=0 DF PROTO=UDP SPT=5353 DPT=5353 LEN=44

```
<4>SFW2-INext-DROP-DEFLT IN=eth0 OUT= MAC= SRC=192.168.1.4 DST=224.0.0.251 LEN=64 TOS=0x00
PREC=0x00 TTL=255 ID=0 DF PROTO=UDP SPT=5353 DPT=5353 LEN=44
<7>ISO 9660 Extensions: Microsoft Joliet Level 3
<7>ISO 9660 Extensions: RRIP_1991A
<4>SFW2-INext-DROP-DEFLT IN=eth0 OUT= MAC= SRC=192.168.1.4 DST=224.0.0.251 LEN=64 TOS=0x00
PREC=0x00 TTL=255 ID=0 DF PROTO=UDP SPT=5353 DPT=5353 LEN=44
<7>ISO 9660 Extensions: Microsoft Joliet Level 3
<7>ISO 9660 Extensions: RRIP_1991A
<4>SFW2-INext-DROP-DEFLT IN=eth0 OUT= MAC= SRC=192.168.1.4 DST=224.0.0.251 LEN=64 TOS=0x00
PREC=0x00 TTL=255 ID=0 DF PROTO=UDP SPT=5353 DPT=5353 LEN=44
<4>SFW2-INext-DROP-DEFLT IN=eth0 OUT= MAC= SRC=192.168.1.4 DST=224.0.0.251 LEN=64 TOS=0x00
PREC=0x00 TTL=255 ID=0 DF PROTO=UDP SPT=5353 DPT=5353 LEN=44
<4>end_request: I/O error, dev fd0, sector 0
<4>end_request: I/O error, dev fd0, sector 0
<6>lp: driver loaded but no devices found
<6>lp: driver loaded but no devices found
<6>lp: driver loaded but no devices found
<4>end_request: I/O error, dev fd0, sector 0
<4>end_request: I/O error, dev fd0, sector 0
<6>lp: driver loaded but no devices found
<6>lp: driver loaded but no devices found
<4>end_request: I/O error, dev fd0, sector 0
----- kernel log end -----
>> misc.1: misc data
>> misc.1.1: open serial
>> misc.1.2: open parallel
----- exec: "/sbin/rmmod lp" -----
----- return code: ? -----
----- exec: "/sbin/rmmod parport_pc" -----
----- return code: ? -----
----- exec: "/sbin/rmmod parport" -----
----- return code: ? -----
----- exec: "/sbin/modprobe parport " -----
----- return code: ? -----
----- exec: "/sbin/modprobe parport_pc " -----
----- return code: ? -----
>> misc.1.3: read floppy
  read_block0: open(/dev/fd0) timed out
misc.floppy: removing floppy entry 2 (timed out)
>> misc.2.1: io
>> misc.2.2: dma
>> misc.2.3: irq
----- /proc/ioproports -----
0000-001f : dma1
0020-0021 : pic1
0040-0043 : timer0
0050-0053 : timer1
0060-006f : keyboard
0070-0077 : rtc
0080-008f : dma page reg
00a0-00a1 : pic2
00c0-00df : dma2
00f0-00ff : fpu
03c0-03df : vesafb
03f2-03f5 : floppy
03f7-03f7 : floppy DIR
03f8-03ff : serial
0400-047f : 0000:00:1f:0
  0400-0403 : ACPI PM1a_EVT_BLK
  0404-0405 : ACPI PM1a_CNT_BLK
  0408-040b : ACPI PM_TMR
  0428-042f : ACPI GPE0_BLK
  0460-047f : iTCO_wdt
```

```

0480-04bf : 0000:00:1f.0
0500-051f : 0000:00:1f.3
  0500-051f : i801_smbus
0cf8-0cff : PCI conf1
c000-cfff : PCI Bus #01
  cf00-cf7f : 0000:01:00.0
d000-dfff : PCI Bus #02
  d800-d8ff : 0000:02:01.0
    d800-d8ff : r8169
  db00-db0f : 0000:02:02.0
    db00-db0f : libata
  dc00-dc03 : 0000:02:02.0
    dc00-dc03 : libata
  dd00-dd07 : 0000:02:02.0
    dd00-dd07 : libata
  de00-de03 : 0000:02:02.0
    de00-de03 : libata
  df00-df07 : 0000:02:02.0
    df00-df07 : libata
ee00-ee0f : 0000:00:1f.5
ef00-ef0f : 0000:00:1f.5
  ef00-ef0f : libata
f000-f003 : 0000:00:1f.5
  f000-f003 : libata
f100-f107 : 0000:00:1f.5
  f100-f107 : libata
f200-f203 : 0000:00:1f.5
  f200-f203 : libata
f300-f307 : 0000:00:1f.5
  f300-f307 : libata
f500-f50f : 0000:00:1f.2
f600-f60f : 0000:00:1f.2
  f600-f60f : libata
f700-f703 : 0000:00:1f.2
  f700-f703 : libata
f800-f807 : 0000:00:1f.2
  f800-f807 : libata
f900-f903 : 0000:00:1f.2
  f900-f903 : libata
fa00-fa07 : 0000:00:1f.2
  fa00-fa07 : libata
fb00-fb1f : 0000:00:1d.2
  fb00-fb1f : uhci_hcd
fc00-fc1f : 0000:00:1d.1
  fc00-fc1f : uhci_hcd
fd00-fd1f : 0000:00:1d.0
  fd00-fd1f : uhci_hcd
fe00-fe1f : 0000:00:1a.1
  fe00-fe1f : uhci_hcd
ff00-ff1f : 0000:00:1a.0
  ff00-ff1f : uhci_hcd
----- /proc/ioports end -----
----- /proc/interrupts -----
0:    126      0 IO-APIC-edge  timer
1:   1569      0 IO-APIC-edge  i8042
4:    67       0 IO-APIC-edge  serial
6:   234       0 IO-APIC-edge  floppy
8:     3       0 IO-APIC-edge  rtc
9:     1       0 IO-APIC-fasteoi acpi
12:  13224  259203 IO-APIC-edge  i8042
16:     0       0 IO-APIC-fasteoi uhci_hcd:usb3
17:   1678  25947 IO-APIC-fasteoi libata, libata, uhci_hcd:usb6
18:  77156      0 IO-APIC-fasteoi libata, uhci_hcd:usb4

```

```
19: 0 0 IO-APIC-fasteoi ehci_hcd:usb1, uhci_hcd:usb7
20: 0 0 IO-APIC-fasteoi ehci_hcd:usb2, uhci_hcd:usb5
21: 287 5549 IO-APIC-fasteoi saa7133[0], HDA Intel
22: 66 8344 IO-APIC-fasteoi eth0
NMI: 0 0
LOC: 385270 347646
ERR: 0
MIS: 0
```

----- /proc/interrupts end -----

----- /proc/dma -----

```
2: floppy
4: cascade
```

----- /proc/dma end -----

```
>> misc.3: FPU
>> misc.3.1: DMA
>> misc.3.2: PIC
>> misc.3.3: timer
>> misc.3.4: RTC
>> cpu.1: cpufreq
```

----- /proc/cpufreq -----

```
processor      : 0
vendor_id     : GenuineIntel
cpu family    : 6
model         : 15
model name    : Genuine Intel(R) CPU          2160 @ 1.80GHz
stepping      : 2
cpu MHz       : 1200.000
cache size    : 1024 KB
physical id   : 0
siblings      : 2
core id       : 0
cpu cores     : 2
fdiv_bug      : no
hlt_bug       : no
f00f_bug      : no
coma_bug      : no
fpu           : yes
fpu_exception : yes
cpuid level   : 10
wp            : yes
flags         : fpu vme de pse tsc msr pae mce cx8 apic sep mtrr pge mca cmov pat pse36 clflush dts acpi mmx fxsr
sse sse2 ss ht tm pbe nx lm constant_tsc pni monitor ds_cpl est tm2 sse3 cx16 xtpr lahf_lm
bogomips      : 3603.02
clflush size  : 64
```

```
processor      : 1
vendor_id     : GenuineIntel
cpu family    : 6
model         : 15
model name    : Genuine Intel(R) CPU          2160 @ 1.80GHz
stepping      : 2
cpu MHz       : 1200.000
cache size    : 1024 KB
physical id   : 0
siblings      : 2
core id       : 1
cpu cores     : 2
fdiv_bug      : no
hlt_bug       : no
f00f_bug      : no
coma_bug      : no
fpu           : yes
fpu_exception : yes
```



```
cpuid level      : 10
wp              : yes
flags          : fpu vme de pse tsc msr pae mce cx8 apic sep mtrr pge mca cmov pat pse36 clflush dts acpi mmx fxsr
sse sse2 ss ht tm pbe nx lm constant_tsc pni monitor ds_cpl est tm2 ssse3 cx16 xtpr lahf_lm
bogomips       : 3600.28
clflush size   : 64
```

----- /proc/cpuinfo end -----

>> memory.1: main memory size

kcore mem: 0x38000000

klog mem 0: 0x7e57f000

klog mem 1: 0x0

klog mem: 0x7e57f000

-- <4> BIOS-e820: 0000000000000000 - 000000000009f000 (usable)

-- <4> BIOS-e820: 000000000009f000 - 00000000000a0000 (reserved)

-- <4> BIOS-e820: 00000000000f0000 - 0000000000100000 (reserved)

-- <4> BIOS-e820: 0000000000100000 - 000000007fee0000 (usable)

-- <4> BIOS-e820: 000000007fee0000 - 000000007fee3000 (ACPI NVS)

-- <4> BIOS-e820: 000000007fee3000 - 000000007fef0000 (ACPI data)

-- <4> BIOS-e820: 000000007fef0000 - 000000007ff00000 (reserved)

-- <4> BIOS-e820: 00000000e0000000 - 00000000f0000000 (reserved)

-- <4> BIOS-e820: 00000000fec00000 - 0000000100000000 (reserved)

-- <5> 1150MB HIGHMEM available.

bios mem: 0x7fe7f000

meminfo: 0x7ea8f000

>> pci.1: sysfs drivers

----- sysfs driver list (id 0x41f0fcacb99ab586) -----

ide-disk: module = ide\_disk

ide-cdrom: module = ide\_cd

ir-kbd-i2c: module = ir\_kbd\_i2c

usb: /devices/pci0000:00/0000:00:1d.2/usb7

usb: /devices/pci0000:00/0000:00:1d.1/usb6

usb: /devices/pci0000:00/0000:00:1d.0/usb5

usb: /devices/pci0000:00/0000:00:1a.1/usb4

usb: /devices/pci0000:00/0000:00:1a.0/usb3

usb: /devices/pci0000:00/0000:00:1d.7/usb2

usb: /devices/pci0000:00/0000:00:1a.7/usb1

usb: module = usbcore

hub: /devices/pci0000:00/0000:00:1d.2/usb7/7-0:1.0

hub: /devices/pci0000:00/0000:00:1d.1/usb6/6-0:1.0

hub: /devices/pci0000:00/0000:00:1d.0/usb5/5-0:1.0

hub: /devices/pci0000:00/0000:00:1a.1/usb4/4-0:1.0

hub: /devices/pci0000:00/0000:00:1a.0/usb3/3-0:1.0

hub: /devices/pci0000:00/0000:00:1d.7/usb2/2-0:1.0

hub: /devices/pci0000:00/0000:00:1a.7/usb1/1-0:1.0

hub: module = usbcore

usbfs: module = usbcore

sr: /devices/pci0000:00/0000:00:1f.5/host2/target2:0:0/2:0:0:0

sd: /devices/pci0000:00/0000:00:1e.0/0000:02:02.0/host5/target5:0:0/5:0:0:0

sd: /devices/pci0000:00/0000:00:1f.2/host1/target1:0:0/1:0:0:0

sd: /devices/pci0000:00/0000:00:1f.2/host0/target0:0:0/0:0:0:0

psmouse: /devices/platform/i8042/serio1

psmouse: module = psmouse

atkbd: /devices/platform/i8042/serio0

atkbd: module = atkbd

i8042 aux: /devices/pnp0/00:08

i8042 kbd: /devices/pnp0/00:09

serial: /devices/pnp0/00:07

system: /devices/pnp0/00:0d

system: /devices/pnp0/00:0c

system: /devices/pnp0/00:0a

system: /devices/pnp0/00:01

button: /devices/LNXSYSTM:00/device:00/PNP0C0C:00

```

button: /devices/LNXSYSTEM:00/LNXPWRBN:00
fan: /devices/LNXSYSTEM:00/LNX_THERM:00/PNP0C0B:00
thermal: /devices/LNXSYSTEM:00/LNX_THERM:00/LNX_THERM:01
processor: /devices/LNXSYSTEM:00/ACPI0007:03
processor: /devices/LNXSYSTEM:00/ACPI0007:02
processor: /devices/LNXSYSTEM:00/ACPI0007:01
processor: /devices/LNXSYSTEM:00/ACPI0007:00
pci_link: /devices/LNXSYSTEM:00/device:00/PNP0A08:00/PNP0C0F:07
pci_link: /devices/LNXSYSTEM:00/device:00/PNP0A08:00/PNP0C0F:06
pci_link: /devices/LNXSYSTEM:00/device:00/PNP0A08:00/PNP0C0F:05
pci_link: /devices/LNXSYSTEM:00/device:00/PNP0A08:00/PNP0C0F:04
pci_link: /devices/LNXSYSTEM:00/device:00/PNP0A08:00/PNP0C0F:03
pci_link: /devices/LNXSYSTEM:00/device:00/PNP0A08:00/PNP0C0F:02
pci_link: /devices/LNXSYSTEM:00/device:00/PNP0A08:00/PNP0C0F:01
pci_link: /devices/LNXSYSTEM:00/device:00/PNP0A08:00/PNP0C0F:00
pci_root: /devices/LNXSYSTEM:00/device:00/PNP0A08:00
parport_pc: module = parport_pc
HDA Intel: module = snd_hda_intel
HDA Intel: /devices/pci0000:00/0000:00:1b.0
r8169: module = r8169
r8169: /devices/pci0000:00/0000:00:1e.0/0000:02:01.0
saa7134: module = saa7134
saa7134: /devices/pci0000:00/0000:00:1e.0/0000:02:05.0
agpgart-intel: module = intel_agp
i801_smbus: module = i2c_i801
i801_smbus: /devices/pci0000:00/0000:00:1f.3
uhci_hcd: module = uhci_hcd
uhci_hcd: /devices/pci0000:00/0000:00:1d.2
uhci_hcd: /devices/pci0000:00/0000:00:1d.1
uhci_hcd: /devices/pci0000:00/0000:00:1d.0
uhci_hcd: /devices/pci0000:00/0000:00:1a.1
uhci_hcd: /devices/pci0000:00/0000:00:1a.0
ehci_hcd: module = ehci_hcd
ehci_hcd: /devices/pci0000:00/0000:00:1d.7
ehci_hcd: /devices/pci0000:00/0000:00:1a.7
pata_it821x: module = pata_it821x
pata_it821x: /devices/pci0000:00/0000:00:1e.0/0000:02:02.0
ata_piix: module = ata_piix
ata_piix: /devices/pci0000:00/0000:00:1f.5
ata_piix: /devices/pci0000:00/0000:00:1f.2
pcieport-driver: /devices/pci0000:00/0000:00:01.0
parport_pc: module = parport_pc
iTCO_wdt: /devices/platform/iTCO_wdt
iTCO_wdt: module = iTCO_wdt
pcspkr: /devices/platform/pcspkr
i8042: /devices/platform/i8042
serial8250: /devices/platform/serial8250
vesafb: /devices/platform/vesafb.0
----- sysfs driver list end -----
>> pci.2: get sysfs pci data
pci device: name = 0000:00:00.0
path = /devices/pci0000:00/0000:00:00.0
modalias = "pci:v00008086d000029A0sv0000147Bsd00001080bc06sc00i00"
class = 0x60000
vendor = 0x8086
device = 0x29a0
subvendor = 0x147b
subdevice = 0x1080
irq = 0
config[64]
pci device: name = 0000:00:01.0
path = /devices/pci0000:00/0000:00:01.0
modalias = "pci:v00008086d000029A1sv00000000sd00000000bc06sc04i00"

```

```
class = 0x60400
vendor = 0x8086
device = 0x29a1
subvendor = 0x0
subdevice = 0x0
irq = 223
config[64]
pci device: name = 0000:00:1a.0
path = /devices/pci0000:00/0000:00:1a.0
modalias = "pci:v00008086d00002834sv0000147Bsd00001080bc0Csc03i00"
class = 0xc0300
vendor = 0x8086
device = 0x2834
subvendor = 0x147b
subdevice = 0x1080
irq = 16
res[4] = 0xff00 0xff1f 0x101
config[64]
pci device: name = 0000:00:1a.1
path = /devices/pci0000:00/0000:00:1a.1
modalias = "pci:v00008086d00002835sv0000147Bsd00001080bc0Csc03i00"
class = 0xc0300
vendor = 0x8086
device = 0x2835
subvendor = 0x147b
subdevice = 0x1080
irq = 18
res[4] = 0xfe00 0xfe1f 0x101
config[64]
pci device: name = 0000:00:1a.7
path = /devices/pci0000:00/0000:00:1a.7
modalias = "pci:v00008086d0000283Asv0000147Bsd00001080bc0Csc03i20"
class = 0xc0320
vendor = 0x8086
device = 0x283a
subvendor = 0x147b
subdevice = 0x1080
irq = 19
res[0] = 0xffff000 0xffff3ff 0x200
config[64]
pci device: name = 0000:00:1b.0
path = /devices/pci0000:00/0000:00:1b.0
modalias = "pci:v00008086d0000284Bsv0000147Bsd00001080bc04sc03i00"
class = 0x40300
vendor = 0x8086
device = 0x284b
subvendor = 0x147b
subdevice = 0x1080
irq = 21
res[0] = 0xffff8000 0xffffbfff 0x204
config[64]
pci device: name = 0000:00:1d.0
path = /devices/pci0000:00/0000:00:1d.0
modalias = "pci:v00008086d00002830sv0000147Bsd00001080bc0Csc03i00"
class = 0xc0300
vendor = 0x8086
device = 0x2830
subvendor = 0x147b
subdevice = 0x1080
irq = 20
res[4] = 0xfd00 0xfd1f 0x101
config[64]
pci device: name = 0000:00:1d.1
```

```
path = /devices/pci0000:00/0000:00:1d.1
modalias = "pci:v00008086d00002831sv0000147Bsd00001080bc0Csc03i00"
class = 0xc0300
vendor = 0x8086
device = 0x2831
subvendor = 0x147b
subdevice = 0x1080
irq = 17
res[4] = 0xfc00 0xfc1f 0x101
config[64]
pci device: name = 0000:00:1d.2
path = /devices/pci0000:00/0000:00:1d.2
modalias = "pci:v00008086d00002832sv0000147Bsd00001080bc0Csc03i00"
class = 0xc0300
vendor = 0x8086
device = 0x2832
subvendor = 0x147b
subdevice = 0x1080
irq = 19
res[4] = 0xfb00 0xfb1f 0x101
config[64]
pci device: name = 0000:00:1d.7
path = /devices/pci0000:00/0000:00:1d.7
modalias = "pci:v00008086d00002836sv0000147Bsd00001080bc0Csc03i20"
class = 0xc0320
vendor = 0x8086
device = 0x2836
subvendor = 0x147b
subdevice = 0x1080
irq = 20
res[0] = 0xfdf000 0xfdf03ff 0x200
config[64]
pci device: name = 0000:00:1e.0
path = /devices/pci0000:00/0000:00:1e.0
modalias = "pci:v00008086d0000244Esv00000000sd00000000bc06sc04i01"
class = 0x60401
vendor = 0x8086
device = 0x244e
subvendor = 0x0
subdevice = 0x0
irq = 0
config[64]
pci device: name = 0000:00:1f.0
path = /devices/pci0000:00/0000:00:1f.0
modalias = "pci:v00008086d00002810sv00008086sd00002810bc06sc01i00"
class = 0x60100
vendor = 0x8086
device = 0x2810
subvendor = 0x8086
subdevice = 0x2810
irq = 0
config[64]
pci device: name = 0000:00:1f.2
path = /devices/pci0000:00/0000:00:1f.2
modalias = "pci:v00008086d00002820sv0000147Bsd00001080bc01sc01i8f"
class = 0x1018f
vendor = 0x8086
device = 0x2820
subvendor = 0x147b
subdevice = 0x1080
irq = 17
res[0] = 0xfa00 0xfa07 0x101
res[1] = 0xf900 0xf903 0x101
```

```
res[2] = 0xf800 0xf807 0x101
res[3] = 0xf700 0xf703 0x101
res[4] = 0xf600 0xf60f 0x101
res[5] = 0xf500 0xf50f 0x101
config[64]
pci device: name = 0000:00:1f.3
path = /devices/pci0000:00/0000:00:1f.3
modalias = "pci:v00008086d0000283Esv0000147Bsd00001080bc0Csc05i00"
class = 0xc0500
vendor = 0x8086
device = 0x283e
subvendor = 0x147b
subdevice = 0x1080
irq = 17
res[0] = 0xfdf000 0xfdf0ff 0x200
res[4] = 0x500 0x51f 0x101
config[64]
pci device: name = 0000:00:1f.5
path = /devices/pci0000:00/0000:00:1f.5
modalias = "pci:v00008086d00002825sv0000147Bsd00001080bc01sc01i85"
class = 0x10185
vendor = 0x8086
device = 0x2825
subvendor = 0x147b
subdevice = 0x1080
irq = 17
res[0] = 0xf300 0xf307 0x101
res[1] = 0xf200 0xf203 0x101
res[2] = 0xf100 0xf107 0x101
res[3] = 0xf000 0xf003 0x101
res[4] = 0xef00 0xef0f 0x101
res[5] = 0xee00 0xee0f 0x101
config[64]
pci device: name = 0000:01:00.0
path = /devices/pci0000:00/0000:00:01.0/0000:01:00.0
modalias = "pci:v000010DEd00000393sv00001043sd0000822Bbc03sc00i00"
class = 0x30000
vendor = 0x10de
device = 0x393
subvendor = 0x1043
subdevice = 0x822b
irq = 3
res[0] = 0xfa000000 0xfaffffff 0x200
res[1] = 0xd0000000 0xdfffffff 0x120c
res[3] = 0xfb000000 0xfbffffff 0x204
res[5] = 0xcf00 0xcf7f 0x101
res[6] = 0xfc000000 0xfc01ffff 0x7202
config[64]
pci device: name = 0000:02:01.0
path = /devices/pci0000:00/0000:00:1e.0/0000:02:01.0
modalias = "pci:v000010ECd00008167sv0000147Bsd00001080bc02sc00i00"
class = 0x20000
vendor = 0x10ec
device = 0x8167
subvendor = 0x147b
subdevice = 0x1080
irq = 22
res[0] = 0xd800 0xd8ff 0x101
res[1] = 0xfdeff000 0xfdeff0ff 0x200
res[6] = 0xfdd00000 0xfdd1ffff 0x7200
config[64]
pci device: name = 0000:02:02.0
path = /devices/pci0000:00/0000:00:1e.0/0000:02:02.0
```

```
modalias = "pci:v00001283d00008211sv00001283sd00008211bc01sc80i00"
class = 0x18000
vendor = 0x1283
device = 0x8211
subvendor = 0x1283
subdevice = 0x8211
irq = 18
res[0] = 0xdf00 0xdf07 0x101
res[1] = 0xde00 0xde03 0x101
res[2] = 0xdd00 0xdd07 0x101
res[3] = 0xdc00 0xdc03 0x101
res[4] = 0xdb00 0xdb0f 0x101
res[6] = 0xfdd20000 0xfdd3ffff 0x7200
config[64]
pci device: name = 0000:02:05.0
path = /devices/pci0000:00/0000:00:1e.0/0000:02:05.0
modalias = "pci:v00001131d00007133sv0000FFFFsd0000FFFFbc04sc80i00"
class = 0x48000
vendor = 0x1131
device = 0x7133
subvendor = 0xffff
subdevice = 0xffff
irq = 21
res[0] = 0xfdefe000 0xfdefe7ff 0x200
config[64]
```

----- PCI raw data -----

```
bus 00, slot 00, func 0, vend:dev:s_vend:s_dev:rev 8086:29a0:147b:1080:02
class 06, sub_class 00 prog_if 00, hdr 0, flags <>, irq 0
00: 86 80 a0 29 06 00 90 20 02 00 00 06 00 00 00 00 "....."
10: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."
20: 00 00 00 00 00 00 00 00 00 00 00 00 7b 14 80 10 ".....{..."
30: 00 00 00 00 e0 00 00 00 00 00 00 00 00 00 00 00 "....."
40: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."
50: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."
60: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."
70: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."
80: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."
90: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."
a0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."
b0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."
c0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."
d0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."
e0: 09 00 "..."
```

```
bus 00->01, slot 01, func 0, vend:dev:s_vend:s_dev:rev 8086:29a1:0000:0000:02
class 06, sub_class 04 prog_if 00, hdr 1, flags <>, irq 223
00: 86 80 a1 29 07 04 10 00 02 00 04 06 10 00 01 00 "....."
10: 00 00 00 00 00 00 00 00 00 00 01 01 00 c0 c0 00 00 "....."
20: 00 fa f0 fc 01 d0 f1 df 00 00 00 00 00 00 00 00 "....."
30: 00 00 00 00 88 00 00 00 00 00 00 00 03 01 08 00 "....."
```

```
bus 00, slot 1a, func 0, vend:dev:s_vend:s_dev:rev 8086:2834:147b:1080:02
class 0c, sub_class 03 prog_if 00, hdr 0, flags <>, irq 16
addr4 0000ff00, size 00000020
00: 86 80 34 28 05 00 80 02 02 00 03 0c 00 00 80 00 "..4(....."
10: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."
20: 01 ff 00 00 00 00 00 00 00 00 00 00 7b 14 80 10 ".....{..."
30: 00 00 00 00 00 00 00 00 00 00 00 00 03 01 00 00 "....."
```

```
bus 00, slot 1a, func 1, vend:dev:s_vend:s_dev:rev 8086:2835:147b:1080:02
class 0c, sub_class 03 prog_if 00, hdr 0, flags <>, irq 18
addr4 0000fe00, size 00000020
00: 86 80 35 28 05 00 80 02 02 00 03 0c 00 00 00 00 "..5(....."
```

10: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
20: 01 fe 00 00 00 00 00 00 00 00 00 00 7b 14 80 10 ".....{"..."  
30: 00 00 00 00 00 00 00 00 00 00 00 00 0a 02 00 00 "....."

bus 00, slot 1a, func 7, vend:dev:s\_vend:s\_dev:rev 8086:283a:147b:1080:02  
class 0c, sub\_class 03 prog\_if 20, hdr 0, flags <pm>, irq 19  
addr0 fdfff000, size 00000400  
00: 86 80 3a 28 06 00 90 02 02 20 03 0c 00 00 00 00 "...{(....."  
10: 00 f0 ff fd 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
20: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 7b 14 80 10 ".....{"..."  
30: 00 00 00 00 50 00 00 00 00 00 00 00 0b 03 00 00 "...P....."  
40: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
50: 01 00 ".."

bus 00, slot 1b, func 0, vend:dev:s\_vend:s\_dev:rev 8086:284b:147b:1080:02  
class 04, sub\_class 03 prog\_if 00, hdr 0, flags <pm>, irq 21  
addr0 fdff8000, size 00004000  
00: 86 80 4b 28 06 00 10 00 02 00 03 04 10 00 00 00 "..K(....."  
10: 04 80 ff fd 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
20: 00 00 00 00 00 00 00 00 00 00 00 00 7b 14 80 10 ".....{"..."  
30: 00 00 00 00 50 00 00 00 00 00 00 00 04 01 00 00 "...P....."  
40: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
50: 01 60 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ".`....."  
60: 05 70 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ".p....."  
70: 10 00 ".."

bus 00, slot 1d, func 0, vend:dev:s\_vend:s\_dev:rev 8086:2830:147b:1080:02  
class 0c, sub\_class 03 prog\_if 00, hdr 0, flags <>, irq 20  
addr4 0000fd00, size 00000020  
00: 86 80 30 28 05 00 80 02 02 00 03 0c 00 00 80 00 "..0(....."  
10: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
20: 01 fd 00 00 00 00 00 00 00 00 00 00 7b 14 80 10 ".....{"..."  
30: 00 00 00 00 00 00 00 00 00 00 00 00 09 01 00 00 "....."

bus 00, slot 1d, func 1, vend:dev:s\_vend:s\_dev:rev 8086:2831:147b:1080:02  
class 0c, sub\_class 03 prog\_if 00, hdr 0, flags <>, irq 17  
addr4 0000fc00, size 00000020  
00: 86 80 31 28 05 00 80 02 02 00 03 0c 00 00 00 00 "..1(....."  
10: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
20: 01 fc 00 00 00 00 00 00 00 00 00 00 7b 14 80 10 ".....{"..."  
30: 00 00 00 00 00 00 00 00 00 00 00 00 0b 02 00 00 "....."

bus 00, slot 1d, func 2, vend:dev:s\_vend:s\_dev:rev 8086:2832:147b:1080:02  
class 0c, sub\_class 03 prog\_if 00, hdr 0, flags <>, irq 19  
addr4 0000fb00, size 00000020  
00: 86 80 32 28 05 00 80 02 02 00 03 0c 00 00 00 00 "..2(....."  
10: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
20: 01 fb 00 00 00 00 00 00 00 00 00 00 7b 14 80 10 ".....{"..."  
30: 00 00 00 00 00 00 00 00 00 00 00 00 0b 03 00 00 "....."

bus 00, slot 1d, func 7, vend:dev:s\_vend:s\_dev:rev 8086:2836:147b:1080:02  
class 0c, sub\_class 03 prog\_if 20, hdr 0, flags <pm>, irq 20  
addr0 fdffe000, size 00000400  
00: 86 80 36 28 06 00 90 02 02 20 03 0c 00 00 00 00 "..6(....."  
10: 00 e0 ff fd 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
20: 00 00 00 00 00 00 00 00 00 00 00 00 7b 14 80 10 ".....{"..."  
30: 00 00 00 00 50 00 00 00 00 00 00 00 09 01 00 00 "...P....."  
40: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
50: 01 00 ".."

bus 00->02, slot 1e, func 0, vend:dev:s\_vend:s\_dev:rev 8086:244e:0000:0000:f2  
class 06, sub\_class 04 prog\_if 01, hdr 1, flags <>, irq 0  
00: 86 80 4e 24 07 00 10 00 f2 01 04 06 00 00 01 00 "..N\$......"

10: 00 00 00 00 00 00 00 00 02 02 20 d0 d0 80 22 "....."  
20: e0 fd e0 fd d1 fd d1 fd 00 00 00 00 00 00 00 "....."  
30: 00 00 00 00 50 00 00 00 00 00 00 00 ff 00 00 00 "....P....."

bus 00, slot 1f, func 0, vend:dev:s\_vend:s\_dev:rev 8086:2810:8086:2810:02

class 06, sub\_class 01 prog\_if 00, hdr 0, flags <>, irq 0

00: 86 80 10 28 07 01 10 02 02 00 01 06 00 00 80 00 "...(  
10: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
20: 00 00 00 00 00 00 00 00 00 00 00 00 86 80 10 28 ".....(  
30: 00 00 00 00 e0 00 00 00 00 00 00 00 00 00 00 00 "....."  
40: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
50: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
60: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
70: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
80: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
90: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
a0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
b0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
c0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
d0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
e0: 09 00 ".."

bus 00, slot 1f, func 2, vend:dev:s\_vend:s\_dev:rev 8086:2820:147b:1080:02

class 01, sub\_class 01 prog\_if 8f, hdr 0, flags <pm>, irq 17

addr0 0000fa00, size 00000008  
addr1 0000f900, size 00000004  
addr2 0000f800, size 00000008  
addr3 0000f700, size 00000004  
addr4 0000f600, size 00000010  
addr5 0000f500, size 00000010  
00: 86 80 20 28 07 00 b0 02 02 8f 01 01 00 00 00 00 ".. (  
10: 01 fa 00 00 01 f9 00 00 01 f8 00 00 01 f7 00 00 "....."  
20: 01 f6 00 00 01 f5 00 00 00 00 00 00 7b 14 80 10 ".....{..  
30: 00 00 00 00 70 00 00 00 00 00 00 00 0b 02 00 00 "....p....."  
40: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
50: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
60: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
70: 01 00 ".."

bus 00, slot 1f, func 3, vend:dev:s\_vend:s\_dev:rev 8086:283e:147b:1080:02

class 0c, sub\_class 05 prog\_if 00, hdr 0, flags <>, irq 17

addr0 fdffd000, size 00000100  
addr4 00000500, size 00000020  
00: 86 80 3e 28 03 00 80 02 02 00 05 0c 00 00 00 00 "...(<....."  
10: 00 d0 ff fd 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
20: 01 05 00 00 00 00 00 00 00 00 00 00 7b 14 80 10 ".....{..  
30: 00 00 00 00 00 00 00 00 00 00 00 00 0b 02 00 00 "....."

bus 00, slot 1f, func 5, vend:dev:s\_vend:s\_dev:rev 8086:2825:147b:1080:02

class 01, sub\_class 01 prog\_if 85, hdr 0, flags <pm>, irq 17

addr0 0000f300, size 00000008  
addr1 0000f200, size 00000004  
addr2 0000f100, size 00000008  
addr3 0000f000, size 00000004  
addr4 0000ef00, size 00000010  
addr5 0000ee00, size 00000010  
00: 86 80 25 28 05 00 b0 02 02 85 01 01 00 00 00 00 "..%(....."  
10: 01 f3 00 00 01 f2 00 00 01 f1 00 00 01 f0 00 00 "....."  
20: 01 ef 00 00 01 ee 00 00 00 00 00 00 7b 14 80 10 ".....{..  
30: 00 00 00 00 70 00 00 00 00 00 00 00 0b 02 00 00 "....p....."  
40: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
50: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
60: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."



70: 01 00 ".."

bus 01, slot 00, func 0, vend:dev:s\_vend:s\_dev:rev 10de:0393:1043:822b:a1  
class 03, sub\_class 00 prog\_if 00, hdr 0, flags <pm>, irq 3

addr0 fa000000, size 01000000  
addr1 d0000000, size 10000000  
addr3 fb000000, size 01000000  
addr5 0000cf00, size 00000080  
00: de 10 93 03 07 00 10 00 a1 00 00 03 10 00 00 00 "....."  
10: 00 00 00 fa 0c 00 00 d0 00 00 00 04 00 00 fb "....."  
20: 00 00 00 00 01 cf 00 00 00 00 00 43 10 2b 82 ".....C+."  
30: 00 00 00 00 60 00 00 00 00 00 00 03 01 00 00 "....."  
40: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
50: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
60: 01 68 00 00 00 00 00 05 78 00 00 00 00 00 00 ".h.....x....."  
70: 00 00 00 00 00 00 00 10 00 "....."

bus 02, slot 01, func 0, vend:dev:s\_vend:s\_dev:rev 10ec:8167:147b:1080:10  
class 02, sub\_class 00 prog\_if 00, hdr 0, flags <pm>, irq 22

addr0 0000d800, size 00000100  
addr1 fdeff000, size 00000100  
00: ec 10 67 81 07 00 b0 02 10 00 00 02 08 20 00 00 ".g....."  
10: 01 d8 00 00 00 fd ef fd 00 00 00 00 00 00 00 00 "....."  
20: 00 00 00 00 00 00 00 00 00 00 00 00 7b 14 80 10 ".....{..."  
30: 00 00 00 00 dc 00 00 00 00 00 00 05 01 20 40 ".....@"  
40: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
50: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
60: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
70: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
80: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
90: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
a0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
b0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
c0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
d0: 00 00 00 00 00 00 00 00 00 00 00 00 01 00 "....."

bus 02, slot 02, func 0, vend:dev:s\_vend:s\_dev:rev 1283:8211:1283:8211:11  
class 01, sub\_class 80 prog\_if 00, hdr 0, flags <pm>, irq 18

addr0 0000df00, size 00000008  
addr1 0000de00, size 00000004  
addr2 0000dd00, size 00000008  
addr3 0000dc00, size 00000004  
addr4 0000db00, size 00000010  
00: 83 12 11 82 07 00 30 02 11 00 80 01 00 40 00 00 ".....0.....@"  
10: 01 df 00 00 01 de 00 00 01 dd 00 00 01 dc 00 00 "....."  
20: 01 db 00 00 00 00 00 00 00 00 00 83 12 11 82 "....."  
30: 00 00 00 00 80 00 00 00 00 00 00 0a 01 08 08 "....."  
40: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
50: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
60: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
70: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
80: 01 00 ".."

bus 02, slot 05, func 0, vend:dev:s\_vend:s\_dev:rev 1131:7133:ffff:ffff:d0  
class 04, sub\_class 80 prog\_if 00, hdr 0, flags <pm>, irq 21

addr0 fdefe000, size 00000800  
00: 31 11 33 71 06 00 90 02 d0 00 80 04 00 ff 00 00 "1.3q....."  
10: 00 e0 ef fd 00 00 00 00 00 00 00 00 00 00 00 00 "....."  
20: 00 00 00 00 00 00 00 00 00 00 00 00 ff ff ff "....."  
30: 00 00 00 00 40 00 00 00 00 00 00 00 04 01 ff ff ".....@"  
40: 01 00 ".."

----- PCI raw data end -----

>> pci.4: build list

```
>> pci.3: macio
sysfs: no such bus: macio
>> pci.4: vio
sysfs: no such bus: vio
>> pci.5: xen
sysfs: no such bus: xen
>> pci.6: ps3
sysfs: no such bus: ps3_system_bus
>> pci.7: platform
platform device: name = pcspkr
path = /devices/platform/pcspkr
type = "pcspkr"
platform device: name = vesafb.0
path = /devices/platform/vesafb.0
type = "vesafb"
platform device: name = serial8250
path = /devices/platform/serial8250
type = "serial8250"
platform device: name = floppy.0
path = /devices/platform/floppy.0
type = "floppy"
platform device: name = i8042
path = /devices/platform/i8042
type = "i8042"
platform device: name = iTCO_wdt
path = /devices/platform/iTCO_wdt
type = "iTCO_wdt"
platform device: name = microcode
path = /devices/platform/microcode
type = "microcode"
>> pci.8: of_platform
sysfs: no such bus: of_platform
>> monitor.1: ddc
>> monitor.2: bios
>> monitor.3: pci
>> monitor.4: internal db
>> monitor.5: prom
>> isapnp.1: pnp devices
pnp device: name = 00:00
path = /devices/pnp0/00:00
id = PNP 0a08
pnp device: name = 00:01
path = /devices/pnp0/00:01
id = PNP 0c02
pnp device: name = 00:02
path = /devices/pnp0/00:02
id = PNP 0200
pnp device: name = 00:03
path = /devices/pnp0/00:03
id = PNP 0b00
pnp device: name = 00:04
path = /devices/pnp0/00:04
id = PNP 0800
pnp device: name = 00:05
path = /devices/pnp0/00:05
id = PNP 0c04
pnp device: name = 00:06
path = /devices/pnp0/00:06
id = PNP 0700
pnp device: name = 00:07
path = /devices/pnp0/00:07
id = PNP 0501
pnp device: name = 00:08
```

```

path = /devices/pnp0/00:08
id = PNP 0f13
pnp device: name = 00:09
path = /devices/pnp0/00:09
id = PNP 0303
pnp device: name = 00:0a
path = /devices/pnp0/00:0a
id = PNP 0c02
pnp device: name = 00:0b
path = /devices/pnp0/00:0b
id = INT 0800
pnp device: name = 00:0c
path = /devices/pnp0/00:0c
id = PNP 0c02
pnp device: name = 00:0d
path = /devices/pnp0/00:0d
id = PNP 0c01
>> isa.1: isdn
----- ISA ISDN raw data -----
----- ISA ISDN raw data end -----
>> isa.1.1: isdn
>> pcmcia.1: sysfs drivers
>> pcmcia.2: pcmcia
sysfs: no such bus: pcmcia
>> pcmcia.3: pcmcia ctrl
sysfs: no such class: pcmcia_socket
>> serial.1: read info
----- /proc/tty/driver/serial -----
0: uart:16550A port:000003F8 irq:4 tx:174 rx:0 RTS|DTR
1: uart:unknown port:000002F8 irq:3
2: uart:unknown port:000003E8 irq:4
3: uart:unknown port:000002E8 irq:3
----- /proc/tty/driver/serial end -----
----- serial info -----
uart 16550A, line 0, port 0x3f8, irq 4, baud 0
----- serial info end -----
>> serial.2: build list
>> misc.5: misc data
----- misc resources -----
i/o:1 0x0000 - 0x001f (0x20) "dma1"
i/o:1 0x0020 - 0x0021 (0x02) "pic1"
i/o:0 0x0040 - 0x0043 (0x04) "timer0"
i/o:0 0x0050 - 0x0053 (0x04) "timer1"
i/o:1 0x0060 - 0x006f (0x10) "keyboard"
i/o:1 0x0070 - 0x0077 (0x08) "rtc"
i/o:1 0x0080 - 0x008f (0x10) "dma page reg"
i/o:1 0x00a0 - 0x00a1 (0x02) "pic2"
i/o:1 0x00c0 - 0x00df (0x20) "dma2"
i/o:1 0x00f0 - 0x00ff (0x10) "fpu"
i/o:1 0x03c0 - 0x03df (0x20) "vesafb"
i/o:1 0x03f2 - 0x03f5 (0x04) "floppy"
i/o:1 0x03f7 - 0x03f7 (0x01) "floppy DIR"
i/o:1 0x03f8 - 0x03ff (0x08) "serial"
i/o:0 0x0400 - 0x047f (0x80) "0000:00:1f.0"
i/o:0 0x0400 - 0x0403 (0x04) "ACPI PM1a_EVT_BLK"
i/o:0 0x0404 - 0x0405 (0x02) "ACPI PM1a_CNT_BLK"
i/o:0 0x0408 - 0x040b (0x04) "ACPI PM_TMR"
i/o:0 0x0428 - 0x042f (0x08) "ACPI GPE0_BLK"
i/o:0 0x0460 - 0x047f (0x20) "iTCO_wdt"
i/o:0 0x0480 - 0x04bf (0x40) "0000:00:1f.0"
i/o:0 0x0500 - 0x051f (0x20) "0000:00:1f.3"
i/o:0 0x0500 - 0x051f (0x20) "i801_smbus"
i/o:0 0x0cf8 - 0x0cff (0x08) "PCI conf1"

```

i/o:0 0xc000 - 0xcfff (0x1000) "PCI Bus #01"  
i/o:0 0xcf00 - 0xcf7f (0x80) "0000:01:00.0"  
i/o:0 0xd000 - 0xdfff (0x1000) "PCI Bus #02"  
i/o:0 0xd800 - 0xd8ff (0x100) "0000:02:01.0"  
i/o:0 0xd800 - 0xd8ff (0x100) "r8169"  
i/o:0 0xdb00 - 0xdb0f (0x10) "0000:02:02.0"  
i/o:0 0xdb00 - 0xdb0f (0x10) "libata"  
i/o:0 0xdc00 - 0xdc03 (0x04) "0000:02:02.0"  
i/o:0 0xdc00 - 0xdc03 (0x04) "libata"  
i/o:0 0xdd00 - 0xdd07 (0x08) "0000:02:02.0"  
i/o:0 0xdd00 - 0xdd07 (0x08) "libata"  
i/o:0 0xde00 - 0xde03 (0x04) "0000:02:02.0"  
i/o:0 0xde00 - 0xde03 (0x04) "libata"  
i/o:0 0xdf00 - 0xdf07 (0x08) "0000:02:02.0"  
i/o:0 0xdf00 - 0xdf07 (0x08) "libata"  
i/o:0 0xee00 - 0xee0f (0x10) "0000:00:1f.5"  
i/o:0 0xef00 - 0xef0f (0x10) "0000:00:1f.5"  
i/o:0 0xef00 - 0xef0f (0x10) "libata"  
i/o:0 0xf000 - 0xf003 (0x04) "0000:00:1f.5"  
i/o:0 0xf000 - 0xf003 (0x04) "libata"  
i/o:0 0xf100 - 0xf107 (0x08) "0000:00:1f.5"  
i/o:0 0xf100 - 0xf107 (0x08) "libata"  
i/o:0 0xf200 - 0xf203 (0x04) "0000:00:1f.5"  
i/o:0 0xf200 - 0xf203 (0x04) "libata"  
i/o:0 0xf300 - 0xf307 (0x08) "0000:00:1f.5"  
i/o:0 0xf300 - 0xf307 (0x08) "libata"  
i/o:0 0xf500 - 0xf50f (0x10) "0000:00:1f.2"  
i/o:0 0xf600 - 0xf60f (0x10) "0000:00:1f.2"  
i/o:0 0xf600 - 0xf60f (0x10) "libata"  
i/o:0 0xf700 - 0xf703 (0x04) "0000:00:1f.2"  
i/o:0 0xf700 - 0xf703 (0x04) "libata"  
i/o:0 0xf800 - 0xf807 (0x08) "0000:00:1f.2"  
i/o:0 0xf800 - 0xf807 (0x08) "libata"  
i/o:0 0xf900 - 0xf903 (0x04) "0000:00:1f.2"  
i/o:0 0xf900 - 0xf903 (0x04) "libata"  
i/o:0 0xfa00 - 0xfa07 (0x08) "0000:00:1f.2"  
i/o:0 0xfa00 - 0xfa07 (0x08) "libata"  
i/o:0 0xfb00 - 0xfb1f (0x20) "0000:00:1d.2"  
i/o:0 0xfb00 - 0xfb1f (0x20) "uhci\_hcd"  
i/o:0 0xfc00 - 0xfc1f (0x20) "0000:00:1d.1"  
i/o:0 0xfc00 - 0xfc1f (0x20) "uhci\_hcd"  
i/o:0 0xfd00 - 0xfd1f (0x20) "0000:00:1d.0"  
i/o:0 0xfd00 - 0xfd1f (0x20) "uhci\_hcd"  
i/o:0 0xfe00 - 0xfe1f (0x20) "0000:00:1a.1"  
i/o:0 0xfe00 - 0xfe1f (0x20) "uhci\_hcd"  
i/o:0 0xff00 - 0xff1f (0x20) "0000:00:1a.0"  
i/o:0 0xff00 - 0xff1f (0x20) "uhci\_hcd"  
irq:1 0 ( 126) "timer"  
irq:0 1 ( 1569) "i8042"  
irq:1 4 ( 67) "serial"  
irq:1 6 ( 234) "floppy"  
irq:1 8 ( 3) "rtc"  
irq:0 9 ( 1) "acpi"  
irq:0 12 ( 272427) "i8042"  
irq:0 16 ( 0) "uhci\_hcd:usb3"  
irq:0 17 ( 27625) "libata" "libata" "uhci\_hcd:usb6"  
irq:0 18 ( 77156) "libata" "uhci\_hcd:usb4"  
irq:0 19 ( 0) "ehci\_hcd:usb1" "uhci\_hcd:usb7"  
irq:0 20 ( 0) "ehci\_hcd:usb2" "uhci\_hcd:usb5"  
irq:0 21 ( 5836) "saa7133[0]" "HDA Intel"  
irq:0 22 ( 8410) "eth0"  
dma:1 2 "floppy"  
dma:1 4 "cascade"

```
----- misc resources end -----
>> parallel.1: pp mod
----- exec: "/sbin/rmmod lp" -----
----- return code: ? -----
----- exec: "/sbin/rmmod parport_pc" -----
----- return code: ? -----
----- exec: "/sbin/modprobe parport_pc" -----
----- return code: ? -----
----- exec: "/sbin/modprobe lp" -----
----- return code: ? -----
>> parallel.2.1: lp read info
>> parallel.2.2: lp read info
>> parallel.2.3: lp read info
----- parallel info -----
----- parallel info end -----
>> block.1: block modules
>> block.2: sysfs drivers
>> block.3: cdrom
----- /proc/sys/dev/cdrom/info -----
drive name:          sr0
drive speed:         94
drive # of slots:    1
Can close tray:      1
Can open tray:       1
Can lock tray:       1
Can change speed:    1
Can select disk:     0
Can read multisession: 1
Can read MCN:        1
Reports media changed: 1
Can play audio:      1
Can write CD-R:      1
Can write CD-RW:     1
Can read DVD:        1
Can write DVD-R:     1
Can write DVD-RAM:   1
Can read MRW:        0
Can write MRW:       0
Can write RAM:       1
----- /proc/sys/dev/cdrom/info end -----
>> block.4: partition
----- /proc/partitions -----
 8  0 244198584 sda
 8  1    1 sda1
 8  5 122182326 sda5
 8  6 122005611 sda6
 8 16  78150744 sdb
 8 17  78140128 sdb1
 8 32 199148544 sdc
 8 33  2104483 sdc1
 8 34 20972857 sdc2
 8 35 176064367 sdc3
----- /proc/partitions end -----
disks:
sda
sdb
sdc
partitions:
sda1
sda5
sda6
sdb1
sdc1
```

```
sdc2
sdc3
>> block.5: get sysfs block dev data
block: name = fd0, path = /block/fd0
dev = 2:0
range = 1
block device: bus = platform, bus_id = floppy.0 driver = (null)
path = /devices/platform/floppy.0
block: name = sda, path = /block/sda
dev = 8:0
range = 16
block device: bus = scsi, bus_id = 0:0:0:0 driver = sd
path = /devices/pci0000:00/0000:00:1f.2/host0/target0:0:0:0:0
vendor = ATA
model = WDC WD2500KS-00M
rev = 02.0
type = 0
>> block.5: /dev/sda
>> block.5.1: /dev/sda geo
dev = /dev/sda, fd = 14
open ok, fd = 14
/dev/sda: ioctl(geo) ok
/dev/sda: ioctl(block size) ok
/dev/sda: ioctl(disk size) ok
>> block.5.2: /dev/sda serial
serial id len: 20
block: name = sdb, path = /block/sdb
dev = 8:16
range = 16
block device: bus = scsi, bus_id = 1:0:0:0 driver = sd
path = /devices/pci0000:00/0000:00:1f.2/host1/target1:0:0:1:0:0:0
vendor = ATA
model = WDC WD800JD-00MS
rev = 10.0
type = 0
>> block.5: /dev/sdb
>> block.5.1: /dev/sdb geo
dev = /dev/sdb, fd = 14
open ok, fd = 14
/dev/sdb: ioctl(geo) ok
/dev/sdb: ioctl(block size) ok
/dev/sdb: ioctl(disk size) ok
>> block.5.2: /dev/sdb serial
serial id len: 20
block: name = sdc, path = /block/sdc
dev = 8:32
range = 16
block device: bus = scsi, bus_id = 5:0:0:0 driver = sd
path = /devices/pci0000:00/0000:00:1e.0/0000:02:02.0/host5/target5:0:0/5:0:0:0
vendor = ATA
model = Maxtor 6B200P0
rev = BAH4
type = 0
>> block.5: /dev/sdc
>> block.5.1: /dev/sdc geo
dev = /dev/sdc, fd = 14
open ok, fd = 14
/dev/sdc: ioctl(geo) ok
/dev/sdc: ioctl(block size) ok
/dev/sdc: ioctl(disk size) ok
>> block.5.2: /dev/sdc serial
serial id len: 20
block: name = sr0, path = /block/sr0
```

```
dev = 11:0
range = 1
block device: bus = scsi, bus_id = 2:0:0:0 driver = sr
  path = /devices/pci0000:00/0000:00:1f.5/host2/target2:0:0/2:0:0:0
vendor = ASUS
model = DRW-1612BL
rev = 1.10
type = 5
>> block.5: /dev/sr0
>> block.5.1: /dev/sr0 cache
scsi cache: 0x00
block: name = loop0, path = /block/loop0
  dev = 7:0
  range = 1
block: name = loop1, path = /block/loop1
  dev = 7:1
  range = 1
block: name = loop2, path = /block/loop2
  dev = 7:2
  range = 1
block: name = loop3, path = /block/loop3
  dev = 7:3
  range = 1
block: name = loop4, path = /block/loop4
  dev = 7:4
  range = 1
block: name = loop5, path = /block/loop5
  dev = 7:5
  range = 1
block: name = loop6, path = /block/loop6
  dev = 7:6
  range = 1
block: name = loop7, path = /block/loop7
  dev = 7:7
  range = 1
>> scsi.1: scsi modules
>> scsi.2: scsi tape
sysfs: no such class: scsi_tape
>> scsi.3: scsi generic
scsi: name = sg0, path = /class/scsi_generic/sg0
  dev = 21:0
  scsi device: bus_id = 0:0:0:0 driver = sd
    path = /devices/pci0000:00/0000:00:1f.2/host0/target0:0:0/0:0:0:0
scsi: name = sg1, path = /class/scsi_generic/sg1
  dev = 21:1
  scsi device: bus_id = 1:0:0:0 driver = sd
    path = /devices/pci0000:00/0000:00:1f.2/host1/target1:0:0/1:0:0:0
scsi: name = sg2, path = /class/scsi_generic/sg2
  dev = 21:2
  scsi device: bus_id = 2:0:0:0 driver = sr
    path = /devices/pci0000:00/0000:00:1f.5/host2/target2:0:0/2:0:0:0
scsi: name = sg3, path = /class/scsi_generic/sg3
  dev = 21:3
  scsi device: bus_id = 5:0:0:0 driver = sd
    path = /devices/pci0000:00/0000:00:1e.0/0000:02:02.0/host5/target5:0:0/5:0:0:0
>> usb.1: sysfs drivers
>> usb.2: usb
usb dev: /devices/pci0000:00/0000:00:1a.7/usb1
usb dev: /devices/pci0000:00/0000:00:1d.7/usb2
usb dev: /devices/pci0000:00/0000:00:1a.0/usb3
usb dev: /devices/pci0000:00/0000:00:1a.1/usb4
usb dev: /devices/pci0000:00/0000:00:1d.0/usb5
usb dev: /devices/pci0000:00/0000:00:1d.1/usb6
```

```
usb dev: /devices/pci0000:00/0000:00:1d.2/usb7
usb device: name = usb1
  path = /devices/pci0000:00/0000:00:1a.7/usb1
usb device: name = 1-0:1.0
  path = /devices/pci0000:00/0000:00:1a.7/usb1/1-0:1.0
  modalias = "usb:v0000p0000d0206dc09dsc00dp01ic09isc00ip00"
  bInterfaceNumber = 0
  bInterfaceClass = 9
  bInterfaceSubClass = 0
  bInterfaceProtocol = 0
  if: 1-0:1.0 @ /devices/pci0000:00/0000:00:1a.7/usb1
  bDeviceClass = 9
  bDeviceSubClass = 0
  bDeviceProtocol = 1
  idVendor = 0x0000
  idProduct = 0x0000
  manufacturer = "Linux 2.6.22.5-31-default ehci_hcd"
  product = "EHCI Host Controller"
  serial = "0000:00:1a.7"
  bcdDevice = 0206
  speed = "480"
usb device: name = usb2
  path = /devices/pci0000:00/0000:00:1d.7/usb2
usb device: name = 2-0:1.0
  path = /devices/pci0000:00/0000:00:1d.7/usb2/2-0:1.0
  modalias = "usb:v0000p0000d0206dc09dsc00dp01ic09isc00ip00"
  bInterfaceNumber = 0
  bInterfaceClass = 9
  bInterfaceSubClass = 0
  bInterfaceProtocol = 0
  if: 2-0:1.0 @ /devices/pci0000:00/0000:00:1d.7/usb2
  bDeviceClass = 9
  bDeviceSubClass = 0
  bDeviceProtocol = 1
  idVendor = 0x0000
  idProduct = 0x0000
  manufacturer = "Linux 2.6.22.5-31-default ehci_hcd"
  product = "EHCI Host Controller"
  serial = "0000:00:1d.7"
  bcdDevice = 0206
  speed = "480"
usb device: name = usb3
  path = /devices/pci0000:00/0000:00:1a.0/usb3
usb device: name = 3-0:1.0
  path = /devices/pci0000:00/0000:00:1a.0/usb3/3-0:1.0
  modalias = "usb:v0000p0000d0206dc09dsc00dp00ic09isc00ip00"
  bInterfaceNumber = 0
  bInterfaceClass = 9
  bInterfaceSubClass = 0
  bInterfaceProtocol = 0
  if: 3-0:1.0 @ /devices/pci0000:00/0000:00:1a.0/usb3
  bDeviceClass = 9
  bDeviceSubClass = 0
  bDeviceProtocol = 0
  idVendor = 0x0000
  idProduct = 0x0000
  manufacturer = "Linux 2.6.22.5-31-default uhci_hcd"
  product = "UHCI Host Controller"
  serial = "0000:00:1a.0"
  bcdDevice = 0206
  speed = "12"
usb device: name = usb4
  path = /devices/pci0000:00/0000:00:1a.1/usb4
```



usb device: name = 4-0:1.0  
path = /devices/pci0000:00/0000:00:1a.1/usb4/4-0:1.0  
modalias = "usb:v0000p0000d0206dc09dsc00dp00ic09isc00ip00"  
bInterfaceNumber = 0  
bInterfaceClass = 9  
bInterfaceSubClass = 0  
bInterfaceProtocol = 0  
if: 4-0:1.0 @ /devices/pci0000:00/0000:00:1a.1/usb4  
bDeviceClass = 9  
bDeviceSubClass = 0  
bDeviceProtocol = 0  
idVendor = 0x0000  
idProduct = 0x0000  
manufacturer = "Linux 2.6.22.5-31-default uhci\_hcd"  
product = "UHCI Host Controller"  
serial = "0000:00:1a.1"  
bcdDevice = 0206  
speed = "12"

usb device: name = usb5  
path = /devices/pci0000:00/0000:00:1d.0/usb5

usb device: name = 5-0:1.0  
path = /devices/pci0000:00/0000:00:1d.0/usb5/5-0:1.0  
modalias = "usb:v0000p0000d0206dc09dsc00dp00ic09isc00ip00"  
bInterfaceNumber = 0  
bInterfaceClass = 9  
bInterfaceSubClass = 0  
bInterfaceProtocol = 0  
if: 5-0:1.0 @ /devices/pci0000:00/0000:00:1d.0/usb5  
bDeviceClass = 9  
bDeviceSubClass = 0  
bDeviceProtocol = 0  
idVendor = 0x0000  
idProduct = 0x0000  
manufacturer = "Linux 2.6.22.5-31-default uhci\_hcd"  
product = "UHCI Host Controller"  
serial = "0000:00:1d.0"  
bcdDevice = 0206  
speed = "12"

usb device: name = usb6  
path = /devices/pci0000:00/0000:00:1d.1/usb6

usb device: name = 6-0:1.0  
path = /devices/pci0000:00/0000:00:1d.1/usb6/6-0:1.0  
modalias = "usb:v0000p0000d0206dc09dsc00dp00ic09isc00ip00"  
bInterfaceNumber = 0  
bInterfaceClass = 9  
bInterfaceSubClass = 0  
bInterfaceProtocol = 0  
if: 6-0:1.0 @ /devices/pci0000:00/0000:00:1d.1/usb6  
bDeviceClass = 9  
bDeviceSubClass = 0  
bDeviceProtocol = 0  
idVendor = 0x0000  
idProduct = 0x0000  
manufacturer = "Linux 2.6.22.5-31-default uhci\_hcd"  
product = "UHCI Host Controller"  
serial = "0000:00:1d.1"  
bcdDevice = 0206  
speed = "12"

usb device: name = usb7  
path = /devices/pci0000:00/0000:00:1d.2/usb7

usb device: name = 7-0:1.0  
path = /devices/pci0000:00/0000:00:1d.2/usb7/7-0:1.0  
modalias = "usb:v0000p0000d0206dc09dsc00dp00ic09isc00ip00"

```
bInterfaceNumber = 0
bInterfaceClass = 9
bInterfaceSubClass = 0
bInterfaceProtocol = 0
if: 7-0:1.0 @ /devices/pci0000:00/0000:00:1d.2/usb7
bDeviceClass = 9
bDeviceSubClass = 0
bDeviceProtocol = 0
idVendor = 0x0000
idProduct = 0x0000
manufacturer = "Linux 2.6.22.5-31-default uhci_hcd"
product = "UHCI Host Controller"
serial = "0000:00:1d.2"
bcdDevice = 0206
speed = "12"
>> usb.3.1: joydev mod
>> usb.3.2: evdev mod
----- exec: "/sbin/modprobe evdev " -----
FATAL: Module evdev not found.
----- return code: ? -----
>> usb.3.3: input
input: name = event0, path = /class/input/input0/event0
dev = 13:64
input device: bus = (null), bus_id = serio0 driver = atkbd
path = /devices/platform/i8042/serio0
input: name = event1, path = /class/input/input1/event1
dev = 13:65
input device: bus = (null), bus_id = pcspkr driver = pcspkr
path = /devices/platform/pcspkr
input: name = mouse0, path = /class/input/input2/mouse0
dev = 13:32
input device: bus = (null), bus_id = serio1 driver = psmouse
path = /devices/platform/i8042/serio1
input: name = event2, path = /class/input/input2/event2
dev = 13:66
input device: bus = (null), bus_id = serio1 driver = psmouse
path = /devices/platform/i8042/serio1
input: name = event3, path = /class/input/input3/event3
dev = 13:67
input: name = event4, path = /class/input/input4/event4
dev = 13:68
>> usb.3.4: lp
sysfs: no such class: usb
>> usb.3.5: serial
>> edd.1: edd mod
>> edd.2: edd info
edd: 0x80
size: 488397168
chs default: 484521/16/63
chs legacy: 1023/255/63
caps: fixed edd
attached: #27 /devices/pci0000:00/0000:00:1f.2
edd: 0x81
size: 156301488
chs default: 155061/16/63
chs legacy: 1023/255/63
caps: fixed edd
attached: #27 /devices/pci0000:00/0000:00:1f.2
edd: 0x82
size: 398297088
chs default: 0/1718616070/1149878321
chs legacy: 1023/255/63
caps: fixed edd
```

```
attached: #0
***** started child process 22777 (10s/10s) *****
>> braille.1.1: alva
>> braille.2.1: alva open
>> braille.3.1: alva init ok
>> braille.4.1: alva read data
alva.100@/dev/ttyS0[0]:
>> braille.5.1: alva read done
>> braille.1.1: fhp_old
>> braille.2.1: fhp open
>> braille.3.1: fhp init ok
>> braille.4.1: fhp write ok
>> braille.5.1: fhp read done
fhp@/dev/ttyS0[0]:
no fhp display: 0x00
>> braille.1.1: fhp_el
>> braille.2.1: fhp open
>> braille.3.1: fhp init ok
>> braille.4.1: fhp write ok
>> braille.5.1: fhp read done
fhp@/dev/ttyS0[0]:
no fhp display: 0x00
>> braille.1.1: ht
>> braille.2.1: ht open
>> braille.3.1: ht init ok
>> braille.4.1: ht write ok
>> braille.5.1: ht read done
ht@/dev/ttyS0[1]: 00 "."
no ht display: 0x00
>> braille.1.1: baum
>> braille.2.1: baum open
>> braille.3.1: baum write ok
>> braille.4.1: baum read done
baum@/dev/ttyS0[0]:
***** stopped child process 22777 (8s) *****
>> modem.1: serial
***** started child process 22778 (15s/120s) *****
>> modem.2: init
>> modem.3.1: at test
>> modem.3.2: at test
>> modem.3.3: at test
>> modem.3.4: at test
>> modem.4: init string
>> modem.5: speed
>> modem.5: pnp id
----- serial modems -----
/dev/ttyS0
not a modem
----- serial modems end -----
***** stopped child process 22778 (121s) *****
----- serial modems -----
/dev/ttyS0
not a modem
----- serial modems end -----
>> mouse.2: serial
***** started child process 22781 (20s/20s) *****
----- serial mice -----
/dev/ttyS0
----- serial mice end -----
***** stopped child process 22781 (19s) *****
----- serial mice -----
/dev/ttyS0
----- serial mice end -----
```

```
>> input.1: joydev mod
>> input.1.1: evdev mod
----- exec: "/sbin/modprobe evdev " -----
  FATAL: Module evdev not found.
----- return code: ? -----
>> input.2: input
----- /proc/bus/input/devices -----
I: Bus=0011 Vendor=0001 Product=0001 Version=ab41
N: Name="AT Translated Set 2 keyboard"
P: Phys=isa0060/serio0/input0
S: Sysfs=/class/input/input0
U: Uniq=
H: Handlers=kbd event0
B: EV=120013
B: KEY=4 2000000 3802078 f840d001 feffffdf ffefffff ffffffff fffffffe
B: MSC=10
B: LED=7

I: Bus=0010 Vendor=001f Product=0001 Version=0100
N: Name="PC Speaker"
P: Phys=isa0061/input0
S: Sysfs=/class/input/input1
U: Uniq=
H: Handlers=kbd event1
B: EV=40001
B: SND=6

I: Bus=0011 Vendor=0002 Product=0006 Version=0000
N: Name="ImExPS/2 Generic Explorer Mouse"
P: Phys=isa0060/serio1/input0
S: Sysfs=/class/input/input2
U: Uniq=
H: Handlers=mouse0 event2
B: EV=7
B: KEY=1f0000 0 0 0 0 0 0 0
B: REL=143

I: Bus=0019 Vendor=0000 Product=0002 Version=0000
N: Name="Power Button (FF)"
P: Phys=LNXPWWRBN/button/input0
S: Sysfs=/class/input/input3
U: Uniq=
H: Handlers=kbd event3
B: EV=3
B: KEY=100000 0 0 0

I: Bus=0019 Vendor=0000 Product=0001 Version=0000
N: Name="Power Button (CM)"
P: Phys=PNP0C0C/button/input0
S: Sysfs=/class/input/input4
U: Uniq=
H: Handlers=kbd event4
B: EV=3
B: KEY=100000 0 0 0

----- /proc/bus/input/devices end -----
bus = 17, name = AT Translated Set 2 keyboard
handlers = kbd event0
key = 000000040200000003802078f840d001feffffdf ffefffff ffffffff fffffffe
mouse buttons = 0
mouse wheels = 0
bus = 16, name = PC Speaker
handlers = kbd event1
```



```
fpu_exception : yes
cpuid level   : 10
wp           : yes
flags        : fpu vme de pse tsc msr pae mce cx8 apic sep mtrr pge mca cmov pat pse36 clflush dts acpi mmx fxsr
sse sse2 ss ht tm pbe nx lm constant_tsc pni monitor ds_cpl est tm2 sse3 cx16 xtpr lahf_lm
bogomips     : 3600.28
clflush size : 64
```

----- /proc/cpuinfo end -----

```
>> kbd.3: serial console
/dev/console: major 4, minor 7
>> fb.1: read info
fb: size 1280 x 1024
fb: timing 131.10 MHz, 80.33 kHz, 76.65 Hz
>> net.1: get network data
net interface: name = lo, path = /class/net/lo
type = 772
carrier = 1
hw_addr = 00:00:00:00:00:00
GDRVINFO ethtool error: Operation not supported
net interface: name = eth0, path = /class/net/eth0
type = 1
carrier = 1
hw_addr = 00:50:8d:b2:11:c4
net device: path = /devices/pci0000:00/0000:00:1e.0/0000:02:01.0
net driver: name = r8169, path = /bus/pci/drivers/r8169
>> pppoe.1: looking for pppoe
>> pppoe.2: discovery
Attempt number 1
eth0: Sending PADI packet
Timeout waiting for PADO packets
Attempt number 2
eth0: Sending PADI packet
Timeout waiting for PADO packets
>> wlan.1: detecting wlan features
>> wlan.2: assign udi
>> isdn.1: list
>> dsl.1: list
>> int.2: cdrom
>> int.3: media
>> int.4.1: /dev/sda
read_block0: 512 bytes (5s, 0us)
>> int.4.2: /dev/sdb
read_block0: 512 bytes (5s, 0us)
>> int.4.3: /dev/sdc
read_block0: 512 bytes (5s, 0us)
>> int.4: floppy
>> int.5: bios
>> int.6: mouse
>> int.15: system info
system type:
acpi: 1
>> int.7: hdb
>> int.7.1: modules
>> int.8: usbcsd
>> int.9: hotplug
>> int.10: modem
>> int.11: wlan
>> int.12: udev
----- udevinfo -----
P: /block/fd0
N: fd0
```

P: /block/loop0  
N: loop0

P: /block/loop1  
N: loop1

P: /block/loop2  
N: loop2

P: /block/loop3  
N: loop3

P: /block/loop4  
N: loop4

P: /block/loop5  
N: loop5

P: /block/loop6  
N: loop6

P: /block/loop7  
N: loop7

P: /block/sda  
N: sda  
S: disk/by-id/scsi-SATA\_WDC\_WD2500KS-00\_WD-WCANKE727854  
S: disk/by-id/ata-WDC\_WD2500KS-00MJB0\_WD-WCANKE727854  
S: disk/by-path/pci-0000:00:1f.2-scsi-0:0:0:0  
S: disk/by-id/edd-int13\_dev80  
E: DEVTYPE=disk  
E: ID\_VENDOR=ATA  
E: ID\_MODEL=WDC\_WD2500KS-00M  
E: ID\_REVISION=02.0  
E: ID\_SERIAL=SATA\_WDC\_WD2500KS-00\_WD-WCANKE727854  
E: ID\_SERIAL\_SHORT=WD-WCANKE727854  
E: ID\_TYPE=disk  
E: ID\_BUS=scsi  
E: ID\_ATA\_COMPAT=WDC\_WD2500KS-00MJB0\_WD-WCANKE727854  
E: ID\_PATH=pci-0000:00:1f.2-scsi-0:0:0:0  
E: ID\_EDD=int13\_dev80

P: /block/sda/sda1  
N: sda1  
S: disk/by-id/scsi-SATA\_WDC\_WD2500KS-00\_WD-WCANKE727854-part1  
S: disk/by-id/ata-WDC\_WD2500KS-00MJB0\_WD-WCANKE727854-part1  
S: disk/by-path/pci-0000:00:1f.2-scsi-0:0:0:0-part1  
S: disk/by-id/edd-int13\_dev80-part1  
E: DEVTYPE=partition  
E: ID\_VENDOR=ATA  
E: ID\_MODEL=WDC\_WD2500KS-00M  
E: ID\_REVISION=02.0  
E: ID\_SERIAL=SATA\_WDC\_WD2500KS-00\_WD-WCANKE727854  
E: ID\_SERIAL\_SHORT=WD-WCANKE727854  
E: ID\_TYPE=disk  
E: ID\_BUS=scsi  
E: ID\_ATA\_COMPAT=WDC\_WD2500KS-00MJB0\_WD-WCANKE727854  
E: ID\_PATH=pci-0000:00:1f.2-scsi-0:0:0:0  
E: ID\_EDD=int13\_dev80

P: /block/sda/sda5  
N: sda5  
S: disk/by-id/scsi-SATA\_WDC\_WD2500KS-00\_WD-WCANKE727854-part5

S: disk/by-id/ata-WDC\_WD2500KS-00MJB0\_WD-WCANKE727854-part5  
S: disk/by-path/pci-0000:00:1f.2-scsi-0:0:0:0-part5  
S: disk/by-uuid/32E0988BE0985747  
S: disk/by-label/WD\_Filme  
S: disk/by-id/edd-int13\_dev80-part5  
E: DEVTYPE=partition  
E: ID\_VENDOR=ATA  
E: ID\_MODEL=WDC\_WD2500KS-00M  
E: ID\_REVISION=02.0  
E: ID\_SERIAL=SATA\_WDC\_WD2500KS-00\_WD-WCANKE727854  
E: ID\_SERIAL\_SHORT=WD-WCANKE727854  
E: ID\_TYPE=disk  
E: ID\_BUS=scsi  
E: ID\_ATA\_COMPAT=WDC\_WD2500KS-00MJB0\_WD-WCANKE727854  
E: ID\_PATH=pci-0000:00:1f.2-scsi-0:0:0:0  
E: ID\_EDD=int13\_dev80  
E: ID\_FS\_USAGE=filesystem  
E: ID\_FS\_TYPE=ntfs  
E: ID\_FS\_VERSION=3.1  
E: ID\_FS\_UUID=32E0988BE0985747  
E: ID\_FS\_UUID\_ENC=32E0988BE0985747  
E: ID\_FS\_LABEL=WD\_Filme  
E: ID\_FS\_LABEL\_ENC=WD\_Filme  
E: ID\_FS\_LABEL\_SAFE=WD\_Filme

P: /block/sda/sda6

N: sda6

S: disk/by-id/scsi-SATA\_WDC\_WD2500KS-00\_WD-WCANKE727854-part6  
S: disk/by-id/ata-WDC\_WD2500KS-00MJB0\_WD-WCANKE727854-part6  
S: disk/by-path/pci-0000:00:1f.2-scsi-0:0:0:0-part6  
S: disk/by-uuid/767CF2AD7CF266F1  
S: disk/by-label/WD  
S: disk/by-id/edd-int13\_dev80-part6  
E: DEVTYPE=partition  
E: ID\_VENDOR=ATA  
E: ID\_MODEL=WDC\_WD2500KS-00M  
E: ID\_REVISION=02.0  
E: ID\_SERIAL=SATA\_WDC\_WD2500KS-00\_WD-WCANKE727854  
E: ID\_SERIAL\_SHORT=WD-WCANKE727854  
E: ID\_TYPE=disk  
E: ID\_BUS=scsi  
E: ID\_ATA\_COMPAT=WDC\_WD2500KS-00MJB0\_WD-WCANKE727854  
E: ID\_PATH=pci-0000:00:1f.2-scsi-0:0:0:0  
E: ID\_EDD=int13\_dev80  
E: ID\_FS\_USAGE=filesystem  
E: ID\_FS\_TYPE=ntfs  
E: ID\_FS\_VERSION=3.1  
E: ID\_FS\_UUID=767CF2AD7CF266F1  
E: ID\_FS\_UUID\_ENC=767CF2AD7CF266F1  
E: ID\_FS\_LABEL=WD  
E: ID\_FS\_LABEL\_ENC=WD  
E: ID\_FS\_LABEL\_SAFE=WD

P: /block/sdb

N: sdb

S: disk/by-id/scsi-SATA\_WDC\_WD800JD-00M\_WD-WMAM9HS15226  
S: disk/by-id/ata-WDC\_WD800JD-00MSA1\_WD-WMAM9HS15226  
S: disk/by-path/pci-0000:00:1f.2-scsi-1:0:0:0  
S: disk/by-id/edd-int13\_dev81  
E: DEVTYPE=disk  
E: ID\_VENDOR=ATA  
E: ID\_MODEL=WDC\_WD800JD-00MS  
E: ID\_REVISION=10.0



E: ID\_SERIAL=SATA\_WDC\_WD800JD-00M\_WD-WMAM9HS15226  
E: ID\_SERIAL\_SHORT=WD-WMAM9HS15226  
E: ID\_TYPE=disk  
E: ID\_BUS=scsi  
E: ID\_ATA\_COMPAT=WDC\_WD800JD-00MSA1\_WD-WMAM9HS15226  
E: ID\_PATH=pci-0000:00:1f.2-scsi-1:0:0:0  
E: ID\_EDD=int13\_dev81

P: /block/sdb/sdb1

N: sdb1

S: disk/by-id/scsi-SATA\_WDC\_WD800JD-00M\_WD-WMAM9HS15226-part1

S: disk/by-id/ata-WDC\_WD800JD-00MSA1\_WD-WMAM9HS15226-part1

S: disk/by-path/pci-0000:00:1f.2-scsi-1:0:0:0-part1

S: disk/by-uuid/BE84664A846604ED

S: disk/by-id/edd-int13\_dev81-part1

E: DEVTYPE=partition

E: ID\_VENDOR=ATA

E: ID\_MODEL=WDC\_WD800JD-00MS

E: ID\_REVISION=10.0

E: ID\_SERIAL=SATA\_WDC\_WD800JD-00M\_WD-WMAM9HS15226

E: ID\_SERIAL\_SHORT=WD-WMAM9HS15226

E: ID\_TYPE=disk

E: ID\_BUS=scsi

E: ID\_ATA\_COMPAT=WDC\_WD800JD-00MSA1\_WD-WMAM9HS15226

E: ID\_PATH=pci-0000:00:1f.2-scsi-1:0:0:0

E: ID\_EDD=int13\_dev81

E: ID\_FS\_USAGE=filesystem

E: ID\_FS\_TYPE=ntfs

E: ID\_FS\_VERSION=3.1

E: ID\_FS\_UUID=BE84664A846604ED

E: ID\_FS\_UUID\_ENC=BE84664A846604ED

E: ID\_FS\_LABEL=

E: ID\_FS\_LABEL\_ENC=

E: ID\_FS\_LABEL\_SAFE=

P: /block/sdc

N: sdc

S: disk/by-id/scsi-SATA\_Maxtor\_6B200P0\_B42E01EH

S: disk/by-id/ata-Maxtor\_6B200P0\_B42E01EH

S: disk/by-path/pci-0000:02:02.0-scsi-1:0:0:0

S: disk/by-id/edd-int13\_dev82

E: DEVTYPE=disk

E: ID\_VENDOR=ATA

E: ID\_MODEL=Maxtor\_6B200P0

E: ID\_REVISION=BAH4

E: ID\_SERIAL=SATA\_Maxtor\_6B200P0\_B42E01EH

E: ID\_SERIAL\_SHORT=B42E01EH

E: ID\_TYPE=disk

E: ID\_BUS=scsi

E: ID\_ATA\_COMPAT=Maxtor\_6B200P0\_B42E01EH

E: ID\_PATH=pci-0000:02:02.0-scsi-1:0:0:0

E: ID\_EDD=int13\_dev82

P: /block/sdc/sdc1

N: sdc1

S: disk/by-id/scsi-SATA\_Maxtor\_6B200P0\_B42E01EH-part1

S: disk/by-id/ata-Maxtor\_6B200P0\_B42E01EH-part1

S: disk/by-path/pci-0000:02:02.0-scsi-1:0:0:0-part1

S: disk/by-uuid/9014dddc-97a3-4774-889f-8ba9273ff076

S: disk/by-id/edd-int13\_dev82-part1

E: DEVTYPE=partition

E: ID\_VENDOR=ATA

E: ID\_MODEL=Maxtor\_6B200P0

E: ID\_REVISION=BAH4  
E: ID\_SERIAL=SATA\_Maxtor\_6B200P0\_B42E01EH  
E: ID\_SERIAL\_SHORT=B42E01EH  
E: ID\_TYPE=disk  
E: ID\_BUS=scsi  
E: ID\_ATA\_COMPAT=Maxtor\_6B200P0\_B42E01EH  
E: ID\_PATH=pci-0000:02:02.0-scsi-1:0:0:0  
E: ID\_EDD=int13\_dev82  
E: ID\_FS\_USAGE=other  
E: ID\_FS\_TYPE=swap  
E: ID\_FS\_VERSION=2  
E: ID\_FS\_UUID=9014dddc-97a3-4774-889f-8ba9273ff076  
E: ID\_FS\_UUID\_ENC=9014dddc-97a3-4774-889f-8ba9273ff076  
E: ID\_FS\_LABEL=  
E: ID\_FS\_LABEL\_ENC=  
E: ID\_FS\_LABEL\_SAFE=

P: /block/sdc/sdc2

N: sdc2

S: disk/by-id/scsi-SATA\_Maxtor\_6B200P0\_B42E01EH-part2

S: disk/by-id/ata-Maxtor\_6B200P0\_B42E01EH-part2

S: disk/by-path/pci-0000:02:02.0-scsi-1:0:0:0-part2

S: disk/by-uuid/2b70d955-8132-4120-9462-18fa3223ebb0

S: disk/by-id/edd-int13\_dev82-part2

E: DEVTYPE=partition

E: ID\_VENDOR=ATA

E: ID\_MODEL=Maxtor\_6B200P0

E: ID\_REVISION=BAH4

E: ID\_SERIAL=SATA\_Maxtor\_6B200P0\_B42E01EH

E: ID\_SERIAL\_SHORT=B42E01EH

E: ID\_TYPE=disk

E: ID\_BUS=scsi

E: ID\_ATA\_COMPAT=Maxtor\_6B200P0\_B42E01EH

E: ID\_PATH=pci-0000:02:02.0-scsi-1:0:0:0

E: ID\_EDD=int13\_dev82

E: ID\_FS\_USAGE=filesystem

E: ID\_FS\_TYPE=ext3

E: ID\_FS\_VERSION=1.0

E: ID\_FS\_UUID=2b70d955-8132-4120-9462-18fa3223ebb0

E: ID\_FS\_UUID\_ENC=2b70d955-8132-4120-9462-18fa3223ebb0

E: ID\_FS\_LABEL=  
E: ID\_FS\_LABEL\_ENC=  
E: ID\_FS\_LABEL\_SAFE=

P: /block/sdc/sdc3

N: sdc3

S: disk/by-id/scsi-SATA\_Maxtor\_6B200P0\_B42E01EH-part3

S: disk/by-id/ata-Maxtor\_6B200P0\_B42E01EH-part3

S: disk/by-path/pci-0000:02:02.0-scsi-1:0:0:0-part3

S: disk/by-uuid/1031545b-9d3b-4196-9374-2a6951c6f8d2

S: disk/by-id/edd-int13\_dev82-part3

E: DEVTYPE=partition

E: ID\_VENDOR=ATA

E: ID\_MODEL=Maxtor\_6B200P0

E: ID\_REVISION=BAH4

E: ID\_SERIAL=SATA\_Maxtor\_6B200P0\_B42E01EH

E: ID\_SERIAL\_SHORT=B42E01EH

E: ID\_TYPE=disk

E: ID\_BUS=scsi

E: ID\_ATA\_COMPAT=Maxtor\_6B200P0\_B42E01EH

E: ID\_PATH=pci-0000:02:02.0-scsi-1:0:0:0

E: ID\_EDD=int13\_dev82

E: ID\_FS\_USAGE=filesystem

E: ID\_FS\_TYPE=ext3  
E: ID\_FS\_VERSION=1.0  
E: ID\_FS\_UUID=1031545b-9d3b-4196-9374-2a6951c6f8d2  
E: ID\_FS\_UUID\_ENC=1031545b-9d3b-4196-9374-2a6951c6f8d2  
E: ID\_FS\_LABEL=  
E: ID\_FS\_LABEL\_ENC=  
E: ID\_FS\_LABEL\_SAFE=

P: /block/sr0  
N: sr0  
S: scd0  
S: disk/by-path/pci-0000:00:1f.5-scsi-0:0:0:0  
S: cdrom  
S: cdrw  
S: dvd  
S: dvdrw  
E: ID\_CDROM=1  
E: ID\_CDROM\_CD\_R=1  
E: ID\_CDROM\_CD\_RW=1  
E: ID\_CDROM\_DVD=1  
E: ID\_CDROM\_DVD\_R=1  
E: ID\_CDROM\_DVD\_RAM=1  
E: ID\_CDROM\_MRW=1  
E: ID\_CDROM\_MRW\_W=1  
E: ID\_CDROM\_RAM=1  
E: DEVTYPE=disk  
E: ID\_VENDOR=ASUS  
E: ID\_MODEL=DRW-1612BL  
E: ID\_REVISION=1.10  
E: ID\_SERIAL=  
E: ID\_SERIAL\_SHORT=  
E: ID\_TYPE=cd  
E: ID\_BUS=scsi  
E: ID\_PATH=pci-0000:00:1f.5-scsi-0:0:0:0

P: /class/input/input0/event0  
N: input/event0  
S: input/by-path/platform-i8042-serio-0-event-kbd  
E: ID\_CLASS=kbd  
E: ID\_SERIAL=noserial  
E: ID\_PATH=platform-i8042-serio-0

P: /class/input/input1/event1  
N: input/event1  
S: input/by-path/platform-pcspkr-event-spkr  
E: ID\_CLASS=spkr  
E: ID\_SERIAL=noserial  
E: ID\_PATH=platform-pcspkr

P: /class/input/input2/event2  
N: input/event2  
S: input/by-path/platform-i8042-serio-1-event-mouse  
E: ID\_CLASS=mouse  
E: ID\_SERIAL=noserial  
E: ID\_PATH=platform-i8042-serio-1

P: /class/input/input2/mouse0  
N: input/mouse0  
S: input/by-path/platform-i8042-serio-1-mouse  
E: ID\_CLASS=mouse  
E: ID\_SERIAL=noserial  
E: ID\_PATH=platform-i8042-serio-1

P: /class/input/input3/event3  
N: input/event3

P: /class/input/input4/event4  
N: input/event4

P: /class/input/mice  
N: input/mice

P: /class/scsi\_generic/sg0  
N: sg0

P: /class/scsi\_generic/sg1  
N: sg1

P: /class/scsi\_generic/sg2  
N: sg2

P: /class/scsi\_generic/sg3  
N: sg3

P: /class/video4linux/vbi0  
N: vbi0  
S: vbi

P: /class/video4linux/video0  
N: video0  
S: video

P: /devices/pci0000:00/0000:00:1a.0/usb3  
N: bus/usb/003/001

P: /devices/pci0000:00/0000:00:1a.0/usb3/3-0:1.0/usb\_endpoint/usbdev3.1\_ep81  
N: usbdev3.1\_ep81

P: /devices/pci0000:00/0000:00:1a.0/usb3/usb\_endpoint/usbdev3.1\_ep00  
N: usbdev3.1\_ep00

P: /devices/pci0000:00/0000:00:1a.1/usb4  
N: bus/usb/004/001

P: /devices/pci0000:00/0000:00:1a.1/usb4/4-0:1.0/usb\_endpoint/usbdev4.1\_ep81  
N: usbdev4.1\_ep81

P: /devices/pci0000:00/0000:00:1a.1/usb4/usb\_endpoint/usbdev4.1\_ep00  
N: usbdev4.1\_ep00

P: /devices/pci0000:00/0000:00:1a.7/usb1  
N: bus/usb/001/001

P: /devices/pci0000:00/0000:00:1a.7/usb1/1-0:1.0/usb\_endpoint/usbdev1.1\_ep81  
N: usbdev1.1\_ep81

P: /devices/pci0000:00/0000:00:1a.7/usb1/usb\_endpoint/usbdev1.1\_ep00  
N: usbdev1.1\_ep00

P: /devices/pci0000:00/0000:00:1b.0/sound/card0/adsp  
N: adsp

P: /devices/pci0000:00/0000:00:1b.0/sound/card0/audio  
N: audio

P: /devices/pci0000:00/0000:00:1b.0/sound/card0/controlC0

N: snd/controlC0

P: /devices/pci0000:00/0000:00:1b.0/sound/card0/dsp  
N: dsp

P: /devices/pci0000:00/0000:00:1b.0/sound/card0/mixer  
N: mixer

P: /devices/pci0000:00/0000:00:1b.0/sound/card0/pcmC0D0c  
N: snd/pcmC0D0c

P: /devices/pci0000:00/0000:00:1b.0/sound/card0/pcmC0D0p  
N: snd/pcmC0D0p

P: /devices/pci0000:00/0000:00:1b.0/sound/card0/pcmC0D1p  
N: snd/pcmC0D1p

P: /devices/pci0000:00/0000:00:1b.0/sound/card0/pcmC0D2c  
N: snd/pcmC0D2c

P: /devices/pci0000:00/0000:00:1d.0/usb5  
N: bus/usb/005/001

P: /devices/pci0000:00/0000:00:1d.0/usb5/5-0:1.0/usb\_endpoint/usbdev5.1\_ep81  
N: usbdev5.1\_ep81

P: /devices/pci0000:00/0000:00:1d.0/usb5/usb\_endpoint/usbdev5.1\_ep00  
N: usbdev5.1\_ep00

P: /devices/pci0000:00/0000:00:1d.1/usb6  
N: bus/usb/006/001

P: /devices/pci0000:00/0000:00:1d.1/usb6/6-0:1.0/usb\_endpoint/usbdev6.1\_ep81  
N: usbdev6.1\_ep81

P: /devices/pci0000:00/0000:00:1d.1/usb6/usb\_endpoint/usbdev6.1\_ep00  
N: usbdev6.1\_ep00

P: /devices/pci0000:00/0000:00:1d.2/usb7  
N: bus/usb/007/001

P: /devices/pci0000:00/0000:00:1d.2/usb7/7-0:1.0/usb\_endpoint/usbdev7.1\_ep81  
N: usbdev7.1\_ep81

P: /devices/pci0000:00/0000:00:1d.2/usb7/usb\_endpoint/usbdev7.1\_ep00  
N: usbdev7.1\_ep00

P: /devices/pci0000:00/0000:00:1d.7/usb2  
N: bus/usb/002/001

P: /devices/pci0000:00/0000:00:1d.7/usb2/2-0:1.0/usb\_endpoint/usbdev2.1\_ep81  
N: usbdev2.1\_ep81

P: /devices/pci0000:00/0000:00:1d.7/usb2/usb\_endpoint/usbdev2.1\_ep00  
N: usbdev2.1\_ep00

P: /devices/platform/serial8250/tty/ttyS1  
N: ttyS1

P: /devices/platform/serial8250/tty/ttyS2  
N: ttyS2

P: /devices/platform/serial8250/tty/ttyS3

N: ttyS3

P: /devices/platform/vesafb.0/graphics/fb0

N: fb0

P: /devices/pnp0/00:07/tty/ttyS0

N: ttyS0

P: /devices/virtual/mem/full

N: full

P: /devices/virtual/mem/kmem

N: kmem

P: /devices/virtual/mem/kmsg

N: kmsg

P: /devices/virtual/mem/mem

N: mem

P: /devices/virtual/mem/null

N: null

P: /devices/virtual/mem/oldmem

N: oldmem

P: /devices/virtual/mem/port

N: port

P: /devices/virtual/mem/random

N: random

P: /devices/virtual/mem/urandom

N: urandom

P: /devices/virtual/mem/zero

N: zero

P: /devices/virtual/misc/device-mapper

N: device-mapper

S: mapper/control

P: /devices/virtual/misc/fuse

N: fuse

P: /devices/virtual/misc/hpet

N: hpet

P: /devices/virtual/misc/microcode

N: cpu/microcode

P: /devices/virtual/misc/psaux

N: psaux

P: /devices/virtual/misc/rtc

N: rtc

P: /devices/virtual/misc/snapshot

N: snapshot

P: /devices/virtual/misc/watchdog

N: watchdog

P: /devices/virtual/sound/seq  
N: snd/seq

P: /devices/virtual/sound/timer  
N: snd/timer

P: /devices/virtual/tty/console  
N: console

P: /devices/virtual/tty/ptmx  
N: ptmx

P: /devices/virtual/tty/ptyp0  
N: ptyp0

P: /devices/virtual/tty/ptyp1  
N: ptyp1

P: /devices/virtual/tty/ptyp2  
N: ptyp2

P: /devices/virtual/tty/ptyp3  
N: ptyp3

P: /devices/virtual/tty/ptyp4  
N: ptyp4

P: /devices/virtual/tty/ptyp5  
N: ptyp5

P: /devices/virtual/tty/ptyp6  
N: ptyp6

P: /devices/virtual/tty/ptyp7  
N: ptyp7

P: /devices/virtual/tty/ptyp8  
N: ptyp8

P: /devices/virtual/tty/ptyp9  
N: ptyp9

P: /devices/virtual/tty/ptypa  
N: ptypa

P: /devices/virtual/tty/ptypb  
N: ptypb

P: /devices/virtual/tty/ptypc  
N: ptypc

P: /devices/virtual/tty/ptypd  
N: ptypd

P: /devices/virtual/tty/ptype  
N: ptype

P: /devices/virtual/tty/ptypf  
N: ptypf

P: /devices/virtual/tty/ptyq0  
N: ptyq0

P: /devices/virtual/tty/ptyq1  
N: ptyq1

P: /devices/virtual/tty/ptyq2  
N: ptyq2

P: /devices/virtual/tty/ptyq3  
N: ptyq3

P: /devices/virtual/tty/ptyq4  
N: ptyq4

P: /devices/virtual/tty/ptyq5  
N: ptyq5

P: /devices/virtual/tty/ptyq6  
N: ptyq6

P: /devices/virtual/tty/ptyq7  
N: ptyq7

P: /devices/virtual/tty/ptyq8  
N: ptyq8

P: /devices/virtual/tty/ptyq9  
N: ptyq9

P: /devices/virtual/tty/ptyqa  
N: ptyqa

P: /devices/virtual/tty/ptyqb  
N: ptyqb

P: /devices/virtual/tty/ptyqc  
N: ptyqc

P: /devices/virtual/tty/ptyqd  
N: ptyqd

P: /devices/virtual/tty/ptyqe  
N: ptyqe

P: /devices/virtual/tty/ptyqf  
N: ptyqf

P: /devices/virtual/tty/ptyr0  
N: ptyr0

P: /devices/virtual/tty/ptyr1  
N: ptyr1

P: /devices/virtual/tty/ptyr2  
N: ptyr2

P: /devices/virtual/tty/ptyr3  
N: ptyr3

P: /devices/virtual/tty/ptyr4  
N: ptyr4

P: /devices/virtual/tty/ptyr5  
N: ptyr5



P: /devices/virtual/tty/ptyr6  
N: ptyr6

P: /devices/virtual/tty/ptyr7  
N: ptyr7

P: /devices/virtual/tty/ptyr8  
N: ptyr8

P: /devices/virtual/tty/ptyr9  
N: ptyr9

P: /devices/virtual/tty/ptyra  
N: ptyra

P: /devices/virtual/tty/ptyrb  
N: ptyrb

P: /devices/virtual/tty/ptyrc  
N: ptyrc

P: /devices/virtual/tty/ptyrd  
N: ptyrd

P: /devices/virtual/tty/ptyre  
N: ptyre

P: /devices/virtual/tty/ptyrf  
N: ptyrf

P: /devices/virtual/tty/ptys0  
N: ptys0

P: /devices/virtual/tty/ptys1  
N: ptys1

P: /devices/virtual/tty/ptys2  
N: ptys2

P: /devices/virtual/tty/ptys3  
N: ptys3

P: /devices/virtual/tty/ptys4  
N: ptys4

P: /devices/virtual/tty/ptys5  
N: ptys5

P: /devices/virtual/tty/ptys6  
N: ptys6

P: /devices/virtual/tty/ptys7  
N: ptys7

P: /devices/virtual/tty/ptys8  
N: ptys8

P: /devices/virtual/tty/ptys9  
N: ptys9

P: /devices/virtual/tty/ptysa  
N: ptysa

P: /devices/virtual/tty/ptysb  
N: ptysb

P: /devices/virtual/tty/ptysc  
N: ptysc

P: /devices/virtual/tty/ptysd  
N: ptysd

P: /devices/virtual/tty/ptyse  
N: ptyse

P: /devices/virtual/tty/ptysf  
N: ptysf

P: /devices/virtual/tty/tty  
N: tty

P: /devices/virtual/tty/tty0  
N: tty0

P: /devices/virtual/tty/tty1  
N: tty1

P: /devices/virtual/tty/tty10  
N: tty10

P: /devices/virtual/tty/tty11  
N: tty11

P: /devices/virtual/tty/tty12  
N: tty12

P: /devices/virtual/tty/tty13  
N: tty13

P: /devices/virtual/tty/tty14  
N: tty14

P: /devices/virtual/tty/tty15  
N: tty15

P: /devices/virtual/tty/tty16  
N: tty16

P: /devices/virtual/tty/tty17  
N: tty17

P: /devices/virtual/tty/tty18  
N: tty18

P: /devices/virtual/tty/tty19  
N: tty19

P: /devices/virtual/tty/tty2  
N: tty2

P: /devices/virtual/tty/tty20  
N: tty20

P: /devices/virtual/tty/tty21  
N: tty21

P: /devices/virtual/tty/tty22  
N: tty22

P: /devices/virtual/tty/tty23  
N: tty23

P: /devices/virtual/tty/tty24  
N: tty24

P: /devices/virtual/tty/tty25  
N: tty25

P: /devices/virtual/tty/tty26  
N: tty26

P: /devices/virtual/tty/tty27  
N: tty27

P: /devices/virtual/tty/tty28  
N: tty28

P: /devices/virtual/tty/tty29  
N: tty29

P: /devices/virtual/tty/tty3  
N: tty3

P: /devices/virtual/tty/tty30  
N: tty30

P: /devices/virtual/tty/tty31  
N: tty31

P: /devices/virtual/tty/tty32  
N: tty32

P: /devices/virtual/tty/tty33  
N: tty33

P: /devices/virtual/tty/tty34  
N: tty34

P: /devices/virtual/tty/tty35  
N: tty35

P: /devices/virtual/tty/tty36  
N: tty36

P: /devices/virtual/tty/tty37  
N: tty37

P: /devices/virtual/tty/tty38  
N: tty38

P: /devices/virtual/tty/tty39  
N: tty39

P: /devices/virtual/tty/tty4  
N: tty4

P: /devices/virtual/tty/tty40  
N: tty40

P: /devices/virtual/tty/tty41  
N: tty41

P: /devices/virtual/tty/tty42  
N: tty42

P: /devices/virtual/tty/tty43  
N: tty43

P: /devices/virtual/tty/tty44  
N: tty44

P: /devices/virtual/tty/tty45  
N: tty45

P: /devices/virtual/tty/tty46  
N: tty46

P: /devices/virtual/tty/tty47  
N: tty47

P: /devices/virtual/tty/tty48  
N: tty48

P: /devices/virtual/tty/tty49  
N: tty49

P: /devices/virtual/tty/tty5  
N: tty5

P: /devices/virtual/tty/tty50  
N: tty50

P: /devices/virtual/tty/tty51  
N: tty51

P: /devices/virtual/tty/tty52  
N: tty52

P: /devices/virtual/tty/tty53  
N: tty53

P: /devices/virtual/tty/tty54  
N: tty54

P: /devices/virtual/tty/tty55  
N: tty55

P: /devices/virtual/tty/tty56  
N: tty56

P: /devices/virtual/tty/tty57  
N: tty57

P: /devices/virtual/tty/tty58  
N: tty58

P: /devices/virtual/tty/tty59  
N: tty59

P: /devices/virtual/tty/tty6  
N: tty6

P: /devices/virtual/tty/tty60  
N: tty60

P: /devices/virtual/tty/tty61  
N: tty61

P: /devices/virtual/tty/tty62  
N: tty62

P: /devices/virtual/tty/tty63  
N: tty63

P: /devices/virtual/tty/tty7  
N: tty7

P: /devices/virtual/tty/tty8  
N: tty8

P: /devices/virtual/tty/tty9  
N: tty9

P: /devices/virtual/tty/ttyp0  
N: ttyp0

P: /devices/virtual/tty/ttyp1  
N: ttyp1

P: /devices/virtual/tty/ttyp2  
N: ttyp2

P: /devices/virtual/tty/ttyp3  
N: ttyp3

P: /devices/virtual/tty/ttyp4  
N: ttyp4

P: /devices/virtual/tty/ttyp5  
N: ttyp5

P: /devices/virtual/tty/ttyp6  
N: ttyp6

P: /devices/virtual/tty/ttyp7  
N: ttyp7

P: /devices/virtual/tty/ttyp8  
N: ttyp8

P: /devices/virtual/tty/ttyp9  
N: ttyp9

P: /devices/virtual/tty/ttypa  
N: ttypa

P: /devices/virtual/tty/ttypb  
N: ttypb

P: /devices/virtual/tty/ttypc  
N: ttypc

P: /devices/virtual/tty/ttypd  
N: ttypd

P: /devices/virtual/tty/ttype  
N: ttype

P: /devices/virtual/tty/ttypf  
N: ttypf

P: /devices/virtual/tty/ttyq0  
N: ttyq0

P: /devices/virtual/tty/ttyq1  
N: ttyq1

P: /devices/virtual/tty/ttyq2  
N: ttyq2

P: /devices/virtual/tty/ttyq3  
N: ttyq3

P: /devices/virtual/tty/ttyq4  
N: ttyq4

P: /devices/virtual/tty/ttyq5  
N: ttyq5

P: /devices/virtual/tty/ttyq6  
N: ttyq6

P: /devices/virtual/tty/ttyq7  
N: ttyq7

P: /devices/virtual/tty/ttyq8  
N: ttyq8

P: /devices/virtual/tty/ttyq9  
N: ttyq9

P: /devices/virtual/tty/ttyqa  
N: ttyqa

P: /devices/virtual/tty/ttyqb  
N: ttyqb

P: /devices/virtual/tty/ttyqc  
N: ttyqc

P: /devices/virtual/tty/ttyqd  
N: ttyqd

P: /devices/virtual/tty/ttyqe  
N: ttyqe

P: /devices/virtual/tty/ttyqf  
N: ttyqf

P: /devices/virtual/tty/ttyr0  
N: ttyr0

P: /devices/virtual/tty/ttyr1  
N: ttyr1

P: /devices/virtual/tty/ttyr2  
N: ttyr2

P: /devices/virtual/tty/ttyr3  
N: ttyr3

P: /devices/virtual/tty/ttyr4  
N: ttyr4

P: /devices/virtual/tty/ttyr5  
N: ttyr5

P: /devices/virtual/tty/ttyr6  
N: ttyr6

P: /devices/virtual/tty/ttyr7  
N: ttyr7

P: /devices/virtual/tty/ttyr8  
N: ttyr8

P: /devices/virtual/tty/ttyr9  
N: ttyr9

P: /devices/virtual/tty/ttyra  
N: ttyra

P: /devices/virtual/tty/ttyrb  
N: ttyrb

P: /devices/virtual/tty/ttyrc  
N: ttyrc

P: /devices/virtual/tty/ttyrd  
N: ttyrd

P: /devices/virtual/tty/ttyre  
N: ttyre

P: /devices/virtual/tty/ttyrf  
N: ttyrf

P: /devices/virtual/tty/ttys0  
N: ttys0

P: /devices/virtual/tty/ttys1  
N: ttys1

P: /devices/virtual/tty/ttys2  
N: ttys2

P: /devices/virtual/tty/ttys3  
N: ttys3

P: /devices/virtual/tty/ttys4  
N: ttys4

P: /devices/virtual/tty/ttys5  
N: ttys5

P: /devices/virtual/tty/ttys6  
N: ttys6

P: /devices/virtual/tty/ttys7  
N: ttys7

P: /devices/virtual/tty/ttys8  
N: ttys8

P: /devices/virtual/tty/ttys9  
N: ttys9

P: /devices/virtual/tty/ttysa  
N: ttysa

P: /devices/virtual/tty/ttysb  
N: ttysb

P: /devices/virtual/tty/ttysc  
N: ttysc

P: /devices/virtual/tty/ttysd  
N: ttysd

P: /devices/virtual/tty/ttysf  
N: ttysf

P: /devices/virtual/tty/ttysg  
N: ttysg

P: /devices/virtual/vc/vcs  
N: vcs

P: /devices/virtual/vc/vcs1  
N: vcs1

P: /devices/virtual/vc/vcs10  
N: vcs10

P: /devices/virtual/vc/vcs2  
N: vcs2

P: /devices/virtual/vc/vcs3  
N: vcs3

P: /devices/virtual/vc/vcs4  
N: vcs4

P: /devices/virtual/vc/vcs5  
N: vcs5

P: /devices/virtual/vc/vcs6  
N: vcs6

P: /devices/virtual/vc/vcs7  
N: vcs7

P: /devices/virtual/vc/vcsa  
N: vcsa

P: /devices/virtual/vc/vcsa1  
N: vcsa1

P: /devices/virtual/vc/vcsa10  
N: vcsa10

P: /devices/virtual/vc/vcsa2  
N: vcsa2



P: /devices/virtual/vc/vcsa3  
N: vcsa3

P: /devices/virtual/vc/vcsa4  
N: vcsa4

P: /devices/virtual/vc/vcsa5  
N: vcsa5

P: /devices/virtual/vc/vcsa6  
N: vcsa6

P: /devices/virtual/vc/vcsa7  
N: vcsa7

----- udevinfo end -----

/block/fd0

name: /dev/fd0

/block/loop0

name: /dev/loop0

/block/loop1

name: /dev/loop1

/block/loop2

name: /dev/loop2

/block/loop3

name: /dev/loop3

/block/loop4

name: /dev/loop4

/block/loop5

name: /dev/loop5

/block/loop6

name: /dev/loop6

/block/loop7

name: /dev/loop7

/block/sda

name: /dev/sda

links: /dev/disk/by-id/scsi-SATA\_WDC\_WD2500KS-00\_WD-WCANKE727854, /dev/disk/by-id/ata-WDC\_WD2500KS-00MJB0\_WD-WCANKE727854, /dev/disk/by-path/pci-0000:00:1f.2-scsi-0:0:0:0, /dev/disk/by-id/edd-int13\_dev80

/block/sda/sda1

name: /dev/sda1

links: /dev/disk/by-id/scsi-SATA\_WDC\_WD2500KS-00\_WD-WCANKE727854-part1, /dev/disk/by-id/ata-WDC\_WD2500KS-00MJB0\_WD-WCANKE727854-part1, /dev/disk/by-path/pci-0000:00:1f.2-scsi-0:0:0:0-part1, /dev/disk/by-id/edd-int13\_dev80-part1

/block/sda/sda5

name: /dev/sda5

links: /dev/disk/by-id/scsi-SATA\_WDC\_WD2500KS-00\_WD-WCANKE727854-part5, /dev/disk/by-id/ata-WDC\_WD2500KS-00MJB0\_WD-WCANKE727854-part5, /dev/disk/by-path/pci-0000:00:1f.2-scsi-0:0:0:0-part5, /dev/disk/by-uuid/32E0988BE0985747, /dev/disk/by-label/WD\_Filme, /dev/disk/by-id/edd-int13\_dev80-part5

/block/sda/sda6

name: /dev/sda6

links: /dev/disk/by-id/scsi-SATA\_WDC\_WD2500KS-00\_WD-WCANKE727854-part6, /dev/disk/by-id/ata-WDC\_WD2500KS-00MJB0\_WD-WCANKE727854-part6, /dev/disk/by-path/pci-0000:00:1f.2-scsi-0:0:0:0-part6, /dev/disk/by-uuid/767CF2AD7CF266F1, /dev/disk/by-label/WD, /dev/disk/by-id/edd-int13\_dev80-part6

/block/sdb

name: /dev/sdb

links: /dev/disk/by-id/scsi-SATA\_WDC\_WD800JD-00M\_WD-WMAM9HS15226, /dev/disk/by-id/ata-WDC\_WD800JD-00MSA1\_WD-WMAM9HS15226, /dev/disk/by-path/pci-0000:00:1f.2-scsi-1:0:0:0, /dev/disk/by-id/edd-int13\_dev81

/block/sdb/sdb1

name: /dev/sdb1

links: /dev/disk/by-id/scsi-SATA\_WDC\_WD800JD-00M\_WD-WMAM9HS15226-part1, /dev/disk/by-id/ata-WDC\_WD800JD-00MSA1\_WD-WMAM9HS15226-part1, /dev/disk/by-path/pci-0000:00:1f.2-scsi-1:0:0:0-

part1, /dev/disk/by-uuid/BE84664A846604ED, /dev/disk/by-id/edd-int13\_dev81-part1  
/block/sdc  
name: /dev/sdc  
links: /dev/disk/by-id/scsi-SATA\_Maxtor\_6B200P0\_B42E01EH, /dev/disk/by-id/ata-  
Maxtor\_6B200P0\_B42E01EH, /dev/disk/by-path/pci-0000:02:02.0-scsi-1:0:0:0, /dev/disk/by-id/edd-int13\_dev82  
/block/sdc/sdc1  
name: /dev/sdc1  
links: /dev/disk/by-id/scsi-SATA\_Maxtor\_6B200P0\_B42E01EH-part1, /dev/disk/by-id/ata-  
Maxtor\_6B200P0\_B42E01EH-part1, /dev/disk/by-path/pci-0000:02:02.0-scsi-1:0:0:0-part1, /dev/disk/by-  
uuid/9014ddd9c-97a3-4774-889f-8ba9273ff076, /dev/disk/by-id/edd-int13\_dev82-part1  
/block/sdc/sdc2  
name: /dev/sdc2  
links: /dev/disk/by-id/scsi-SATA\_Maxtor\_6B200P0\_B42E01EH-part2, /dev/disk/by-id/ata-  
Maxtor\_6B200P0\_B42E01EH-part2, /dev/disk/by-path/pci-0000:02:02.0-scsi-1:0:0:0-part2, /dev/disk/by-  
uuid/2b70d955-8132-4120-9462-18fa3223ebb0, /dev/disk/by-id/edd-int13\_dev82-part2  
/block/sdc/sdc3  
name: /dev/sdc3  
links: /dev/disk/by-id/scsi-SATA\_Maxtor\_6B200P0\_B42E01EH-part3, /dev/disk/by-id/ata-  
Maxtor\_6B200P0\_B42E01EH-part3, /dev/disk/by-path/pci-0000:02:02.0-scsi-1:0:0:0-part3, /dev/disk/by-  
uuid/1031545b-9d3b-4196-9374-2a6951c6f8d2, /dev/disk/by-id/edd-int13\_dev82-part3  
/block/sr0  
name: /dev/sr0  
links: /dev/scd0, /dev/disk/by-path/pci-0000:00:1f.5-scsi-0:0:0:0, /dev/cdrom, /dev/cdrw, /dev/dvd, /dev/dvdrw  
/class/input/input0/event0  
name: /dev/input/event0  
links: /dev/input/by-path/platform-i8042-serio-0-event-kbd  
/class/input/input1/event1  
name: /dev/input/event1  
links: /dev/input/by-path/platform-pcspkr-event-spkr  
/class/input/input2/event2  
name: /dev/input/event2  
links: /dev/input/by-path/platform-i8042-serio-1-event-mouse  
/class/input/input2/mouse0  
name: /dev/input/mouse0  
links: /dev/input/by-path/platform-i8042-serio-1-mouse  
/class/input/input3/event3  
name: /dev/input/event3  
/class/input/input4/event4  
name: /dev/input/event4  
/class/input/mice  
name: /dev/input/mice  
/class/scsi\_generic/sg0  
name: /dev/sg0  
/class/scsi\_generic/sg1  
name: /dev/sg1  
/class/scsi\_generic/sg2  
name: /dev/sg2  
/class/scsi\_generic/sg3  
name: /dev/sg3  
/class/video4linux/vbi0  
name: /dev/vbi0  
links: /dev/vbi  
/class/video4linux/video0  
name: /dev/video0  
links: /dev/video  
/devices/pci0000:00/0000:00:1a.0/usb3  
name: /dev/bus/usb/003/001  
/devices/pci0000:00/0000:00:1a.0/usb3/3-0:1.0/usb\_endpoint/usbdev3.1\_ep81  
name: /dev/usbdev3.1\_ep81  
/devices/pci0000:00/0000:00:1a.0/usb3/usb\_endpoint/usbdev3.1\_ep00  
name: /dev/usbdev3.1\_ep00  
/devices/pci0000:00/0000:00:1a.1/usb4  
name: /dev/bus/usb/004/001

/devices/pci0000:00/0000:00:1a.1/usb4/4-0:1.0/usb\_endpoint/usbdev4.1\_ep81  
name: /dev/usbdev4.1\_ep81  
/devices/pci0000:00/0000:00:1a.1/usb4/usb\_endpoint/usbdev4.1\_ep00  
name: /dev/usbdev4.1\_ep00  
/devices/pci0000:00/0000:00:1a.7/usb1  
name: /dev/bus/usb/001/001  
/devices/pci0000:00/0000:00:1a.7/usb1/1-0:1.0/usb\_endpoint/usbdev1.1\_ep81  
name: /dev/usbdev1.1\_ep81  
/devices/pci0000:00/0000:00:1a.7/usb1/usb\_endpoint/usbdev1.1\_ep00  
name: /dev/usbdev1.1\_ep00  
/devices/pci0000:00/0000:00:1b.0/sound/card0/adsp  
name: /dev/adsp  
/devices/pci0000:00/0000:00:1b.0/sound/card0/audio  
name: /dev/audio  
/devices/pci0000:00/0000:00:1b.0/sound/card0/controlC0  
name: /dev/snd/controlC0  
/devices/pci0000:00/0000:00:1b.0/sound/card0/dsp  
name: /dev/dsp  
/devices/pci0000:00/0000:00:1b.0/sound/card0/mixer  
name: /dev/mixer  
/devices/pci0000:00/0000:00:1b.0/sound/card0/pcmC0D0c  
name: /dev/snd/pcmC0D0c  
/devices/pci0000:00/0000:00:1b.0/sound/card0/pcmC0D0p  
name: /dev/snd/pcmC0D0p  
/devices/pci0000:00/0000:00:1b.0/sound/card0/pcmC0D1p  
name: /dev/snd/pcmC0D1p  
/devices/pci0000:00/0000:00:1b.0/sound/card0/pcmC0D2c  
name: /dev/snd/pcmC0D2c  
/devices/pci0000:00/0000:00:1d.0/usb5  
name: /dev/bus/usb/005/001  
/devices/pci0000:00/0000:00:1d.0/usb5/5-0:1.0/usb\_endpoint/usbdev5.1\_ep81  
name: /dev/usbdev5.1\_ep81  
/devices/pci0000:00/0000:00:1d.0/usb5/usb\_endpoint/usbdev5.1\_ep00  
name: /dev/usbdev5.1\_ep00  
/devices/pci0000:00/0000:00:1d.1/usb6  
name: /dev/bus/usb/006/001  
/devices/pci0000:00/0000:00:1d.1/usb6/6-0:1.0/usb\_endpoint/usbdev6.1\_ep81  
name: /dev/usbdev6.1\_ep81  
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name: /dev/usbdev6.1\_ep00  
/devices/pci0000:00/0000:00:1d.2/usb7  
name: /dev/bus/usb/007/001  
/devices/pci0000:00/0000:00:1d.2/usb7/7-0:1.0/usb\_endpoint/usbdev7.1\_ep81  
name: /dev/usbdev7.1\_ep81  
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name: /dev/usbdev7.1\_ep00  
/devices/pci0000:00/0000:00:1d.7/usb2  
name: /dev/bus/usb/002/001  
/devices/pci0000:00/0000:00:1d.7/usb2/2-0:1.0/usb\_endpoint/usbdev2.1\_ep81  
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name: /dev/usbdev2.1\_ep00  
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name: /dev/ttyS1  
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name: /dev/ttyS2  
/devices/platform/serial8250/tty/ttyS3  
name: /dev/ttyS3  
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name: /dev/fb0  
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name: /dev/random  
/devices/virtual/mem/urandom  
name: /dev/urandom  
/devices/virtual/mem/zero  
name: /dev/zero  
/devices/virtual/misc/device-mapper  
name: /dev/device-mapper  
links: /dev/mapper/control  
/devices/virtual/misc/fuse  
name: /dev/fuse  
/devices/virtual/misc/hpet  
name: /dev/hpet  
/devices/virtual/misc/microcode  
name: /dev/cpu/microcode  
/devices/virtual/misc/psaux  
name: /dev/psaux  
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/devices/virtual/vc/vcs1  
name: /dev/vcs1  
/devices/virtual/vc/vcs10  
name: /dev/vcs10  
/devices/virtual/vc/vcs2  
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/devices/virtual/vc/vcs3  
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/devices/virtual/vc/vcs4

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name: /dev/vcs4
/devices/virtual/vc/vcs5
name: /dev/vcs5
/devices/virtual/vc/vcs6
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/devices/virtual/vc/vcs7
name: /dev/vcs7
/devices/virtual/vc/vcsa
name: /dev/vcsa
/devices/virtual/vc/vcsa1
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/devices/virtual/vc/vcsa5
name: /dev/vcsa5
/devices/virtual/vc/vcsa6
name: /dev/vcsa6
/devices/virtual/vc/vcsa7
name: /dev/vcsa7
>> int.13: device names
>> int.14: soft raid
----- soft raid devices -----
----- soft raid devices end -----
>> int.15: geo
>> int.16: parent
prop read: rdCR.3wRL2_g4d2B (ok)
prop read: rdCR.IZF+r4EgHp4 (ok)
prop read: rdCR.n_7QNeEnh23 (ok)
prop read: rdCR.EMpH5pjcahD (failed)
old prop read: rdCR.EMpH5pjcahD (failed)
prop read: rdCR.f5u1ucRm+H9 (failed)
old prop read: rdCR.f5u1ucRm+H9 (failed)
prop read: rdCR.8uRK7LxiIA2 (failed)
old prop read: rdCR.8uRK7LxiIA2 (failed)
prop read: rdCR.AJKleuxpiP0 (failed)
old prop read: rdCR.AJKleuxpiP0 (failed)
prop read: rdCR.hWmSPASStPX7 (failed)
old prop read: rdCR.hWmSPASStPX7 (failed)
prop read: rdCR.9N+EecqykME (failed)
old prop read: rdCR.9N+EecqykME (failed)
prop read: rdCR.DziBbWO85o5 (failed)
old prop read: rdCR.DziBbWO85o5 (failed)
prop read: rdCR.CxwsZFjVASF (ok)
prop read: /org/freedesktop/Hal/devices/pci_8086_29a0 (ok)
prop read: /org/freedesktop/Hal/devices/pci_8086_29a1 (ok)
prop read: /org/freedesktop/Hal/devices/pci_8086_2834 (ok)
prop read: /org/freedesktop/Hal/devices/pci_8086_2835 (ok)
prop read: /org/freedesktop/Hal/devices/pci_8086_283a (ok)
prop read: /org/freedesktop/Hal/devices/pci_8086_284b (ok)
prop read: /org/freedesktop/Hal/devices/pci_8086_2830 (ok)
prop read: /org/freedesktop/Hal/devices/pci_8086_2831 (ok)
prop read: /org/freedesktop/Hal/devices/pci_8086_2832 (ok)
prop read: /org/freedesktop/Hal/devices/pci_8086_2836 (ok)
prop read: /org/freedesktop/Hal/devices/pci_8086_244e (ok)
prop read: /org/freedesktop/Hal/devices/pci_8086_2810 (ok)
prop read: /org/freedesktop/Hal/devices/pci_8086_2820 (ok)
prop read: /org/freedesktop/Hal/devices/pci_8086_283e (ok)
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prop read: /org/freedesktop/Hal/devices/pci\_8086\_2825 (ok)  
prop read: /org/freedesktop/Hal/devices/pci\_10de\_393 (ok)  
prop read: /org/freedesktop/Hal/devices/pci\_10ec\_8167 (ok)  
prop read: /org/freedesktop/Hal/devices/pci\_1283\_8211 (ok)  
prop read: /org/freedesktop/Hal/devices/pci\_1131\_7133 (ok)  
prop read: /org/freedesktop/Hal/devices/pnp\_PNP0a08 (ok)  
prop read: /org/freedesktop/Hal/devices/pnp\_PNP0c02 (ok)  
prop read: /org/freedesktop/Hal/devices/pnp\_PNP0200 (ok)  
prop read: /org/freedesktop/Hal/devices/pnp\_PNP0b00 (ok)  
prop read: /org/freedesktop/Hal/devices/pnp\_PNP0800 (ok)  
prop read: /org/freedesktop/Hal/devices/pnp\_PNP0c04 (ok)  
prop read: /org/freedesktop/Hal/devices/pnp\_PNP0700 (ok)  
prop read: /org/freedesktop/Hal/devices/pnp\_PNP0501 (ok)  
prop read: /org/freedesktop/Hal/devices/pnp\_PNP0f13 (ok)  
prop read: /org/freedesktop/Hal/devices/pnp\_PNP0303 (ok)  
prop read: /org/freedesktop/Hal/devices/pnp\_PNP0c02\_0 (ok)  
prop read: /org/freedesktop/Hal/devices/pnp\_INT0800 (ok)  
prop read: /org/freedesktop/Hal/devices/pnp\_PNP0c02\_1 (ok)  
prop read: /org/freedesktop/Hal/devices/pnp\_PNP0c01 (ok)  
prop read: /org/freedesktop/Hal/devices/pnp\_PNP0501\_serial\_platform\_0 (failed)  
prop read: S\_Uw.3fyvFV+mbWD (failed)  
old prop read: S\_Uw.3fyvFV+mbWD (failed)  
prop read: /org/freedesktop/Hal/devices/storage\_serial\_SATA\_WDC\_WD2500KS\_00\_WD\_WCANKE727854 (ok)  
prop read: /org/freedesktop/Hal/devices/volume\_part1\_size\_1024 (ok)  
prop read: /org/freedesktop/Hal/devices/volume\_uuid\_32E0988BE0985747 (ok)  
prop read: /org/freedesktop/Hal/devices/volume\_uuid\_767CF2AD7CF266F1 (ok)  
prop read: /org/freedesktop/Hal/devices/storage\_serial\_SATA\_WDC\_WD800JD\_00M\_WD\_WMAM9HS15226 (ok)  
prop read: /org/freedesktop/Hal/devices/volume\_uuid\_BE84664A846604ED (ok)  
prop read: /org/freedesktop/Hal/devices/storage\_serial\_SATA\_Maxtor\_6B200P0\_B42E01EH (ok)  
prop read: /org/freedesktop/Hal/devices/volume\_uuid\_9014dddc\_97a3\_4774\_889f\_8ba9273ff076 (ok)  
prop read: /org/freedesktop/Hal/devices/volume\_uuid\_2b70d955\_8132\_4120\_9462\_18fa3223ebb0 (ok)  
prop read: /org/freedesktop/Hal/devices/volume\_uuid\_1031545b\_9d3b\_4196\_9374\_2a6951c6f8d2 (ok)  
prop read: /org/freedesktop/Hal/devices/storage\_model\_DRW\_1612BL (ok)  
prop read: /org/freedesktop/Hal/devices/usb\_device\_0\_0\_0000\_00\_1a\_7\_if0 (ok)  
prop read: /org/freedesktop/Hal/devices/usb\_device\_0\_0\_0000\_00\_1d\_7\_if0 (ok)  
prop read: /org/freedesktop/Hal/devices/usb\_device\_0\_0\_0000\_00\_1a\_0\_if0 (ok)  
prop read: /org/freedesktop/Hal/devices/usb\_device\_0\_0\_0000\_00\_1a\_1\_if0 (ok)  
prop read: /org/freedesktop/Hal/devices/usb\_device\_0\_0\_0000\_00\_1d\_0\_if0 (ok)  
prop read: /org/freedesktop/Hal/devices/usb\_device\_0\_0\_0000\_00\_1d\_1\_if0 (ok)  
prop read: /org/freedesktop/Hal/devices/usb\_device\_0\_0\_0000\_00\_1d\_2\_if0 (ok)  
prop read: /org/freedesktop/Hal/devices/platform\_i8042\_i8042\_KBD\_port\_logicaldev\_input (ok)  
prop read: /org/freedesktop/Hal/devices/platform\_i8042\_i8042\_AUX\_port\_logicaldev\_input (ok)  
prop read: rdCR.j8NaKXDZtZ6 (ok)  
prop read: wkFv.j8NaKXDZtZ6 (ok)  
prop read: rdCR.EY\_qmtb9YY0 (failed)  
old prop read: rdCR.EY\_qmtb9YY0 (failed)  
prop read: ZsBS.GQNx7L4uPNA (ok)  
prop read: usDW.ndpeucax6V1 (ok)

----- /proc/modules -----

lp 14956 0 - Live 0xf93f2000  
parport\_pc 40764 0 - Live 0xf935c000  
parport 37832 2 lp,parport\_pc, Live 0xf9369000  
microcode 15372 0 - Live 0xf93b6000  
firmware\_class 13568 1 microcode, Live 0xf93b1000  
nls\_utf8 6144 0 - Live 0xf9385000  
snd\_pcm\_oss 50432 0 - Live 0xf93e4000  
snd\_mixer\_oss 20096 1 snd\_pcm\_oss, Live 0xf93a5000  
snd\_seq 54452 0 - Live 0xf93d5000  
snd\_seq\_device 12172 1 snd\_seq, Live 0xf934f000  
snd\_hda\_intel 272796 1 - Live 0xf942e000  
snd\_pcm 82564 2 snd\_pcm\_oss,snd\_hda\_intel, Live 0xf93bf000  
snd\_timer 26756 2 snd\_seq,snd\_pcm, Live 0xf938c000  
snd 58164 9 snd\_pcm\_oss,snd\_mixer\_oss,snd\_seq,snd\_seq\_device,snd\_hda\_intel,snd\_pcm,snd\_timer, Live

0xf9395000  
ip6t\_LOG 10496 7 - Live 0xf9358000  
nf\_conntrack\_ipv6 22848 4 - Live 0xf9344000  
ip6t\_REJECT 9216 3 - Live 0xf934b000  
xt\_tcpudp 7168 4 - Live 0xf9341000  
xt\_pkttype 5888 3 - Live 0xf933e000  
ipt\_REJECT 8448 3 - Live 0xf933a000  
ipt\_LOG 9984 8 - Live 0xf9336000  
xt\_limit 6656 15 - Live 0xf9333000  
xt\_state 6528 8 - Live 0xf9330000  
iptables\_mangle 6784 0 - Live 0xf92ff000  
iptables\_nat 11140 0 - Live 0xf92fb000  
nf\_nat 21912 1 iptable\_nat, Live 0xf9318000  
ip6table\_mangle 6656 0 - Live 0xf92f8000  
nf\_conntrack\_ipv4 14856 6 iptable\_nat, Live 0xf92f3000  
nf\_conntrack 61684 5 nf\_conntrack\_ipv6,xt\_state,iptables\_nat,nf\_nat,nf\_conntrack\_ipv4, Live 0xf9307000  
nfnetlink 9752 4 nf\_conntrack\_ipv6,nf\_nat,nf\_conntrack\_ipv4,nf\_conntrack, Live 0xf9291000  
ip6table\_filter 6784 1 - Live 0xf92af000  
ip6\_tables 17476 3 ip6t\_LOG,ip6table\_mangle,ip6table\_filter, Live 0xf92d8000  
af\_packet 29064 2 - Live 0xf92ea000  
iptables\_filter 6912 1 - Live 0xf9295000  
ip\_tables 16324 3 iptable\_mangle,iptables\_nat,iptables\_filter, Live 0xf9287000  
x\_tables 18308 11  
ip6t\_LOG,ip6t\_REJECT,xt\_tcpudp,xt\_pkttype,ipt\_REJECT,ipt\_LOG,xt\_limit,xt\_state,iptables\_nat,ip6\_tables,ip\_tables,  
Live 0xf92a9000  
st 40092 0 - Live 0xf92df000  
ide\_disk 20480 0 - Live 0xf9298000  
ide\_cd 40324 0 - Live 0xf929e000  
ide\_core 122948 2 ide\_disk,ide\_cd, Live 0xf92b2000  
joydev 13632 0 - Live 0xf928c000  
ipv6 268152 19 nf\_conntrack\_ipv6,ip6t\_REJECT,ip6table\_mangle, Live 0xf98ba000  
cpufreq\_conservative 11272 0 - Live 0xf96d5000  
cpufreq\_userspace 8704 0 - Live 0xf96d9000  
cpufreq\_powersave 5888 0 - Live 0xf9635000  
acpi\_cpufreq 13192 0 - Live 0xf96d0000  
speedstep\_lib 9220 0 - Live 0xf96cc000  
apparmor 40736 0 - Live 0xf968d000  
fuse 45460 6 - Live 0xf96ed000  
loop 21636 0 - Live 0xf96a2000  
dm\_mod 56880 0 - Live 0xf96de000  
r8169 32904 0 - Live 0xf9698000  
saa7134 124236 0 - Live 0xf96ac000  
video\_buf 27652 1 saa7134, Live 0xf9643000  
compat\_ioctl32 5376 1 saa7134, Live 0xf95fd000  
ir\_kbd\_i2c 12688 1 saa7134, Live 0xf963e000  
ir\_common 38148 2 saa7134,ir\_kbd\_i2c, Live 0xf967a000  
intel\_agp 27156 0 - Live 0xf9672000  
videodev 30464 1 saa7134, Live 0xf9669000  
v4l2\_common 20608 2 saa7134,videodev, Live 0xf9662000  
v4l1\_compat 16388 2 saa7134,videodev, Live 0xf9638000  
rtc\_cmos 12064 0 - Live 0xf8868000  
rtc\_core 23048 1 rtc\_cmos, Live 0xf9617000  
iTCO\_wdt 14372 0 - Live 0xf960a000  
soundcore 11460 1 snd, Live 0xf95f9000  
button 12432 0 - Live 0xf95f4000  
i2c\_i801 12560 0 - Live 0xf9597000  
agpgart 35764 1 intel\_agp, Live 0xf9600000  
rtc\_lib 7040 1 rtc\_core, Live 0xf883e000  
snd\_page\_alloc 13960 2 snd\_hda\_intel,snd\_pcm, Live 0xf9592000  
iTCO\_vendor\_support 7812 1 iTCO\_wdt, Live 0xf952b000  
i2c\_core 27520 3 saa7134,ir\_kbd\_i2c,i2c\_i801, Live 0xf9504000  
sr\_mod 19492 0 - Live 0xf9586000  
cdrom 37020 2 ide\_cd,sr\_mod, Live 0xf95e9000

sg 37036 0 - Live 0xf95de000  
uhci\_hcd 27024 0 - Live 0xf957e000  
sd\_mod 31104 9 - Live 0xf9575000  
ehci\_hcd 34956 0 - Live 0xf950d000  
usbcore 123372 3 uhci\_hcd,ehci\_hcd, Live 0xf95be000  
edd 12996 0 - Live 0xf887a000  
ext3 131848 2 - Live 0xf959c000  
mbcache 12292 1 ext3, Live 0xf8875000  
jbd 68148 1 ext3, Live 0xf9519000  
fan 9220 0 - Live 0xf8871000  
pata\_it821x 14852 3 - Live 0xf886c000  
ata\_piix 21380 3 - Live 0xf8826000  
libata 136776 2 pata\_it821x,ata\_piix, Live 0xf9552000  
scsi\_mod 140376 5 st,sr\_mod,sg,sd\_mod,libata, Live 0xf952e000  
thermal 19848 0 - Live 0xf8838000  
processor 40744 2 acpi\_cpufreq,thermal, Live 0xf882d000  
----- /proc/modules end -----  
used irqs: 0,1,3,4,6,8,9,12,16,17,18,19,20,21,22,31  
===== end debug info =====

01: None 00.0: 0102 Floppy disk controller

[Created at floppy.112]

Unique ID: rdCR.3wRL2\_g4d2B

Hardware Class: storage

Model: "Floppy disk controller"

I/O Ports: 0x3f2-0x3f5 (rw)

DMA: 2

IRQ: 6 (234 events)

I/O Port: 0x3f7 (rw)

Config Status: cfg=no, avail=yes, need=no, active=unknown

03: None 00.0: 10105 BIOS

[Created at bios.174]

Unique ID: rdCR.lZF+r4EgHp4

Hardware Class: bios

BIOS Keyboard LED Status:

Scroll Lock: off

Num Lock: on

Caps Lock: off

Serial Port 0: 0x3f8

Base Memory: 636 kB

PnP BIOS: @@@0000

BIOS: extended read supported

MP spec rev 1.4 info:

OEM id: "OEM00000"

Product id: "PROD00000000"

2 CPUs (0 disabled)

BIOS32 Service Directory Entry: 0xfa0c0

SMBIOS Version: 2.4

BIOS Info: #0

Vendor: "Phoenix Technologies, LTD"

Version: "6.00 PG"

Date: "08/16/2007"

Start Address: 0xe0000

ROM Size: 512 kB

Features: 0x0533000000007fcb9e90

ISA supported

PCI supported

PnP supported

APM supported

BIOS flashable

BIOS shadowing allowed

CD boot supported

Selectable boot supported

BIOS ROM socketed  
EDD spec supported  
360kB Floppy supported  
1.2MB Floppy supported  
720kB Floppy supported  
2.88MB Floppy supported  
Print Screen supported  
8042 Keyboard Services supported  
Serial Services supported  
Printer Services supported  
CGA/Mono Video supported  
ACPI supported  
USB Legacy supported  
LS-120 boot supported  
ATAPI ZIP boot supported  
BIOS Boot Spec supported

System Info: #1

Manufacturer: "System Manufacturer"  
Product: "System Product Name"  
Version: "System Version"  
Serial: "System Serial Number"  
UUID: undefined, but settable  
Wake-up: 0x06 (Power Switch)

Board Info: #2

Manufacturer: "http://www.abit.com.tw/"  
Product: "IB9 (Intel P965-ICH8)"  
Version: "1.0"

Chassis Info: #3

Manufacturer: "System Enclosure Manufacturer"  
Type: 0x03 (Desktop)  
Bootup State: 0x02 (Unknown)  
Power Supply State: 0x02 (Unknown)  
Thermal State: 0x02 (Unknown)  
Security Status: 0x02 (Unknown)

Processor Info: #4

Socket: "Socket 775"  
Socket Type: 0x04 (ZIF Socket)  
Socket Status: Populated  
Type: 0x03 (CPU)  
Family: 0x01 (Other)  
Manufacturer: "Intel"  
Version: "Genuine Intel(R)"  
Processor ID: 0xbfebfbff000006f2  
Status: 0x01 (Enabled)  
Voltage: 1.3 V  
External Clock: 200 MHz  
Max. Speed: 4000 MHz  
Current Speed: 1800 MHz

L1 Cache: #10

L2 Cache: #11

Type 5 Record: #5

Data 00: 05 18 05 00 04 04 03 03 0b 01 00 00 01 02 04 06  
Data 10: 00 07 00 08 00 09 00 04

Type 6 Record: #6

Data 00: 06 0c 06 00 01 01 00 00 01 8a 8a 00  
String 1: "A0"

Type 6 Record: #7

Data 00: 06 0c 07 00 01 ff 00 02 00 7f 7f 00  
String 1: "A1"

Type 6 Record: #8

Data 00: 06 0c 08 00 01 45 00 00 01 8a 8a 00  
String 1: "A2"

Type 6 Record: #9

Data 00: 06 0c 09 00 01 ff 00 02 00 7f 7f 00

String 1: "A3"

Cache Info: #10

Designation: "Internal Cache"

Level: L1

State: Enabled

Mode: 0x01 (Write Back)

Location: 0x00 (Internal, Not Socketed)

ECC: 0x02 (Unknown)

Type: 0x02 (Unknown)

Associativity: 0x02 (Unknown)

Max. Size: 32 kB

Current Size: 32 kB

Supported SRAM Types: 0x0020 (Synchronous)

Current SRAM Type: 0x0020 (Synchronous)

Cache Info: #11

Designation: "External Cache"

Level: L2

State: Enabled

Mode: 0x01 (Write Back)

Location: 0x01 (External, Not Socketed)

ECC: 0x02 (Unknown)

Type: 0x02 (Unknown)

Associativity: 0x02 (Unknown)

Supported SRAM Types: 0x0020 (Synchronous)

Current SRAM Type: 0x0020 (Synchronous)

Port Connector: #12

Type: 0xff (Other)

Internal Designator: "PRIMARY IDE"

Internal Connector: 0x16 (On Board IDE)

Port Connector: #13

Type: 0xff (Other)

Internal Designator: "SECONDARY IDE"

Internal Connector: 0x16 (On Board IDE)

Port Connector: #14

Type: 0xa1 (8251 FIFO Compatible)

Internal Designator: "FDD"

Internal Connector: 0x17 (On Board Floppy)

Port Connector: #15

Type: 0x07 (Serial Port 16450 Compatible)

Internal Designator: "COM1"

Internal Connector: 0x18 (9 Pin Dual Inline [pin 10 cut])

External Connector: 0x08 (DB-9 pin male)

Port Connector: #16

Type: 0x0d (Keyboard Port)

Internal Designator: "Keyboard"

Internal Connector: 0x0f (PS/2)

External Connector: 0x0f (PS/2)

Port Connector: #17

Type: 0x0e (Mouse Port)

Internal Designator: "PS/2 Mouse"

Internal Connector: 0x0f (PS/2)

External Connector: 0x0f (PS/2)

Port Connector: #18

Type: 0x10 (USB)

External Designator: "USB0"

External Connector: 0xff (Other)

Port Connector: #19

Type: 0x10 (USB)

External Designator: "USB1"

External Connector: 0xff (Other)

System Slot: #20

Designation: "PCI1"



Type: 0x06 (PCI)  
Bus Width: 0x05 (32 bit)  
Status: 0x04 (In Use)  
Length: 0x04 (Long)  
Slot ID: 1  
Characteristics: 0x0102 (5.0 V, PME#)

System Slot: #21  
Designation: "PCI2"

Type: 0x06 (PCI)  
Bus Width: 0x05 (32 bit)  
Status: 0x03 (Available)  
Length: 0x04 (Long)  
Slot ID: 2  
Characteristics: 0x0102 (5.0 V, PME#)

Language Info: #22

Languages: n|US|iso8859-1, n|US|iso8859-1, r|CA|iso8859-1, a|JP|unicode  
Current: n|US|iso8859-1

Physical Memory Array: #23

Use: 0x03 (System memory)  
Location: 0x03 (Motherboard)  
Slots: 4

Max. Size: 4 GB  
ECC: 0x03 (None)

Memory Device: #24

Location: "A0"  
Bank: "Bank0/1"

Memory Array: #23  
Form Factor: 0x09 (DIMM)  
Type: 0x02 (Unknown)  
Type Detail: 0x0080 (Synchronous)  
Data Width: 64 bits  
Size: 1 GB  
Speed: 20512 MHz

Memory Device: #25

Location: "A1"  
Bank: "Bank2/3"  
Memory Array: #23  
Form Factor: 0x09 (DIMM)  
Type: 0x02 (Unknown)  
Type Detail: 0x0004 (Unknown)  
Data Width: 0 bits  
Size: No Memory Installed

Memory Device: #26

Location: "A2"  
Bank: "Bank4/5"  
Memory Array: #23  
Form Factor: 0x09 (DIMM)  
Type: 0x02 (Unknown)  
Type Detail: 0x0080 (Synchronous)  
Data Width: 64 bits  
Size: 1 GB  
Speed: 20512 MHz

Memory Device: #27

Location: "A3"  
Bank: "Bank6/7"  
Memory Array: #23  
Form Factor: 0x09 (DIMM)  
Type: 0x02 (Unknown)  
Type Detail: 0x0004 (Unknown)  
Data Width: 0 bits  
Size: No Memory Installed

Memory Array Mapping: #28

Memory Array: #23

Partition Width: 1  
Start Address: 0x00000000  
End Address: 0x80000000  
Memory Device Mapping: #29  
Memory Device: #24  
Array Mapping: #28  
Row: 1  
Interleave Pos: 0  
Interleaved Depth: 0  
Start Address: 0x00000000  
End Address: 0x40000000  
Memory Device Mapping: #30  
Memory Device: #25  
Array Mapping: #28  
Row: 1  
Interleave Pos: 0  
Interleaved Depth: 0  
Start Address: 0x00000000  
End Address: 0x00000400  
Memory Device Mapping: #31  
Memory Device: #26  
Array Mapping: #28  
Row: 1  
Interleave Pos: 0  
Interleaved Depth: 0  
Start Address: 0x40000000  
End Address: 0x80000000  
Memory Device Mapping: #32  
Memory Device: #27  
Array Mapping: #28  
Row: 1  
Interleave Pos: 0  
Interleaved Depth: 0  
Start Address: 0x00000000  
End Address: 0x00000400  
Type 32 Record: #33  
Data 00: 20 0b 21 00 00 00 00 00 00 00  
Config Status: cfg=no, avail=yes, need=no, active=unknown

04: None 00.0: 10107 System  
[Created at sys.59]  
Unique ID: rdCR.n\_7QNeEnh23  
Hardware Class: system  
Model: "System"  
Formfactor: "desktop"  
Driver Info #0:  
  Driver Status: thermal,fan are active  
  Driver Activation Cmd: "modprobe thermal; modprobe fan"  
Config Status: cfg=no, avail=yes, need=no, active=unknown

05: None 00.0: 10104 FPU  
[Created at misc.192]  
Unique ID: rdCR.EMpH5pjcahD  
Hardware Class: unknown  
Model: "FPU"  
I/O Ports: 0xf0-0xff (rw)  
Config Status: cfg=new, avail=yes, need=no, active=unknown

06: None 00.0: 0801 DMA controller (8237)  
[Created at misc.206]  
Unique ID: rdCR.f5u1ucRm+H9  
Hardware Class: unknown  
Model: "DMA controller"

I/O Ports: 0x00-0x1f (rw)  
I/O Ports: 0xc0-0xdf (rw)  
I/O Ports: 0x80-0x8f (rw)  
DMA: 4  
Config Status: cfg=new, avail=yes, need=no, active=unknown

07: None 00.0: 0800 PIC (8259)  
[Created at misc.219]  
Unique ID: rdCR.8uRK7LxiIA2  
Hardware Class: unknown  
Model: "PIC"  
I/O Ports: 0x20-0x21 (rw)  
I/O Ports: 0xa0-0xa1 (rw)  
Config Status: cfg=new, avail=yes, need=no, active=unknown

08: None 00.0: 0802 Timer (8254)  
[Created at misc.230]  
Unique ID: rdCR.AJKleuxpiP0  
Hardware Class: unknown  
Model: "Timer"  
IRQ: 0 (126 events)  
Config Status: cfg=new, avail=yes, need=no, active=unknown

09: None 00.0: 0803 RTC (Generic)  
[Created at misc.241]  
Unique ID: rdCR.hWmSPASStPX7  
Hardware Class: unknown  
Model: "RTC"  
I/O Ports: 0x70-0x77 (rw)  
IRQ: 8 (3 events)  
Config Status: cfg=new, avail=yes, need=no, active=unknown

10: None 00.0: 0900 Keyboard controller  
[Created at misc.251]  
Unique ID: rdCR.9N+EecqykME  
Hardware Class: unknown  
Model: "Keyboard controller"  
I/O Ports: 0x60-0x6f (rw)  
Config Status: cfg=new, avail=yes, need=no, active=unknown

11: None 00.0: 10400 PS/2 Controller  
[Created at misc.304]  
Unique ID: rdCR.DziBbWO85o5  
Hardware Class: unknown  
Model: "PS/2 Controller"  
Config Status: cfg=new, avail=yes, need=no, active=unknown

14: None 00.0: 10102 Main Memory  
[Created at memory.61]  
Unique ID: rdCR.CxwsZFjVASF  
Hardware Class: memory  
Model: "Main Memory"  
Memory Range: 0x00000000-0x7fe7efff (rw)  
Memory Size: 2 GB  
Config Status: cfg=no, avail=yes, need=no, active=unknown

15: PCI 00.0: 0600 Host bridge  
[Created at pci.301]  
UDI: /org/freedesktop/Hal/devices/pci\_8086\_29a0  
Unique ID: qLht.2xAAnx9Gka9  
SysFS ID: /devices/pci0000:00/0000:00:00.0  
SysFS BusID: 0000:00:00.0  
Hardware Class: bridge

Model: "ABIT 82P965/G965 Memory Controller Hub"  
Vendor: pci 0x8086 "Intel Corporation"  
Device: pci 0x29a0 "82P965/G965 Memory Controller Hub"  
SubVendor: pci 0x147b "ABIT Computer Corp."  
SubDevice: pci 0x1080  
Revision: 0x02  
Module Alias: "pci:v00008086d000029A0sv0000147Bsd00001080bc06sc00i00"  
Driver Info #0:  
  Driver Status: intel\_agp is active  
  Driver Activation Cmd: "modprobe intel\_agp"  
Config Status: cfg=no, avail=yes, need=no, active=unknown

16: PCI 01.0: 0604 PCI bridge (Normal decode)

[Created at pci.301]  
UDI: /org/freedesktop/Hal/devices/pci\_8086\_29a1  
Unique ID: vSkL.cutpr6XtQiF  
SysFS ID: /devices/pci0000:00/0000:00:01.0  
SysFS BusID: 0000:00:01.0  
Hardware Class: bridge  
Model: "Intel 82P965/G965 PCI Express Root Port"  
Vendor: pci 0x8086 "Intel Corporation"  
Device: pci 0x29a1 "82P965/G965 PCI Express Root Port"  
Revision: 0x02  
Driver: "pcieport-driver"  
IRQ: 223 (no events)  
Module Alias: "pci:v00008086d000029A1sv00000000sd00000000bc06sc04i00"  
Driver Info #0:  
  Driver Status: shpchp is not active  
  Driver Activation Cmd: "modprobe shpchp"  
Config Status: cfg=no, avail=yes, need=no, active=unknown

17: PCI 1a.0: 0c03 USB Controller (UHCI)

[Created at pci.301]  
UDI: /org/freedesktop/Hal/devices/pci\_8086\_2834  
Unique ID: pwJ7.MLLdtrsMvtD  
SysFS ID: /devices/pci0000:00/0000:00:1a.0  
SysFS BusID: 0000:00:1a.0  
Hardware Class: usb controller  
Model: "ABIT 82801H (ICH8 Family) USB UHCI Contoller #4"  
Vendor: pci 0x8086 "Intel Corporation"  
Device: pci 0x2834 "82801H (ICH8 Family) USB UHCI Contoller #4"  
SubVendor: pci 0x147b "ABIT Computer Corp."  
SubDevice: pci 0x1080  
Revision: 0x02  
Driver: "uhci\_hcd"  
Driver Modules: "uhci\_hcd"  
I/O Ports: 0xff00-0xff1f (rw)  
IRQ: 16 (no events)  
Module Alias: "pci:v00008086d00002834sv0000147Bsd00001080bc0Csc03i00"  
Driver Info #0:  
  Driver Status: uhci-hcd is active  
  Driver Activation Cmd: "modprobe uhci-hcd"  
Config Status: cfg=no, avail=yes, need=no, active=unknown

18: PCI 1a.1: 0c03 USB Controller (UHCI)

[Created at pci.301]  
UDI: /org/freedesktop/Hal/devices/pci\_8086\_2835  
Unique ID: gFpy.tlHNMQ\_3RGE  
SysFS ID: /devices/pci0000:00/0000:00:1a.1  
SysFS BusID: 0000:00:1a.1  
Hardware Class: usb controller  
Model: "ABIT 82801H (ICH8 Family) USB UHCI Controller #5"  
Vendor: pci 0x8086 "Intel Corporation"

Device: pci 0x2835 "82801H (ICH8 Family) USB UHCI Controller #5"  
SubVendor: pci 0x147b "ABIT Computer Corp."  
SubDevice: pci 0x1080  
Revision: 0x02  
Driver: "uhci\_hcd"  
Driver Modules: "uhci\_hcd"  
I/O Ports: 0xfe00-0xfe1f (rw)  
IRQ: 18 (77156 events)  
Module Alias: "pci:v00008086d00002835sv0000147Bsd00001080bc0Csc03i00"  
Driver Info #0:  
  Driver Status: uhci-hcd is active  
  Driver Activation Cmd: "modprobe uhci-hcd"  
Config Status: cfg=no, avail=yes, need=no, active=unknown

19: PCI 1a.7: 0c03 USB Controller (EHCI)  
[Created at pci.301]  
UDI: /org/freedesktop/Hal/devices/pci\_8086\_283a  
Unique ID: sClz.yqbI2HPabb3  
SysFS ID: /devices/pci0000:00/0000:00:1a.7  
SysFS BusID: 0000:00:1a.7  
Hardware Class: usb controller  
Model: "ABIT 82801H (ICH8 Family) USB2 EHCI Controller #2"  
Vendor: pci 0x8086 "Intel Corporation"  
Device: pci 0x283a "82801H (ICH8 Family) USB2 EHCI Controller #2"  
SubVendor: pci 0x147b "ABIT Computer Corp."  
SubDevice: pci 0x1080  
Revision: 0x02  
Driver: "ehci\_hcd"  
Driver Modules: "ehci\_hcd"  
Memory Range: 0xfdfff000-0xfdfff3ff (rw,non-prefetchable)  
IRQ: 19 (no events)  
Module Alias: "pci:v00008086d0000283Asv0000147Bsd00001080bc0Csc03i20"  
Driver Info #0:  
  Driver Status: ehci-hcd is active  
  Driver Activation Cmd: "modprobe ehci-hcd"  
Config Status: cfg=no, avail=yes, need=no, active=unknown

20: PCI 1b.0: 0403 Audio device  
[Created at pci.301]  
UDI: /org/freedesktop/Hal/devices/pci\_8086\_284b  
Unique ID: u1Nb.5+cXpimpUj3  
SysFS ID: /devices/pci0000:00/0000:00:1b.0  
SysFS BusID: 0000:00:1b.0  
Hardware Class: sound  
Model: "ABIT 82801H (ICH8 Family) HD Audio Controller"  
Vendor: pci 0x8086 "Intel Corporation"  
Device: pci 0x284b "82801H (ICH8 Family) HD Audio Controller"  
SubVendor: pci 0x147b "ABIT Computer Corp."  
SubDevice: pci 0x1080  
Revision: 0x02  
Driver: "HDA Intel"  
Driver Modules: "snd\_hda\_intel"  
Memory Range: 0xfdff8000-0xfdffbfff (rw,non-prefetchable)  
IRQ: 21 (5836 events)  
Module Alias: "pci:v00008086d0000284Bsv0000147Bsd00001080bc04sc03i00"  
Driver Info #0:  
  Driver Status: snd\_hda\_intel is active  
  Driver Activation Cmd: "modprobe snd\_hda\_intel"  
Config Status: cfg=no, avail=yes, need=no, active=unknown

21: PCI 1d.0: 0c03 USB Controller (UHCI)  
[Created at pci.301]  
UDI: /org/freedesktop/Hal/devices/pci\_8086\_2830

Unique ID: 1GTX.lhZdyZOYyLC  
SysFS ID: /devices/pci0000:00/0000:00:1d.0  
SysFS BusID: 0000:00:1d.0  
Hardware Class: usb controller  
Model: "ABIT 82801H (ICH8 Family) USB UHCI Controller #1"  
Vendor: pci 0x8086 "Intel Corporation"  
Device: pci 0x2830 "82801H (ICH8 Family) USB UHCI Controller #1"  
SubVendor: pci 0x147b "ABIT Computer Corp."  
SubDevice: pci 0x1080  
Revision: 0x02  
Driver: "uhci\_hcd"  
Driver Modules: "uhci\_hcd"  
I/O Ports: 0xfd00-0xfd1f (rw)  
IRQ: 20 (no events)  
Module Alias: "pci:v00008086d00002830sv0000147Bsd00001080bc0Csc03i00"  
Driver Info #0:  
  Driver Status: uhci-hcd is active  
  Driver Activation Cmd: "modprobe uhci-hcd"  
Config Status: cfg=no, avail=yes, need=no, active=unknown

22: PCI 1d.1: 0c03 USB Controller (UHCI)  
[Created at pci.301]  
UDI: /org/freedesktop/Hal/devices/pci\_8086\_2831  
Unique ID: vayM.p5WNR8WFKkC  
SysFS ID: /devices/pci0000:00/0000:00:1d.1  
SysFS BusID: 0000:00:1d.1  
Hardware Class: usb controller  
Model: "ABIT 82801H (ICH8 Family) USB UHCI Controller #2"  
Vendor: pci 0x8086 "Intel Corporation"  
Device: pci 0x2831 "82801H (ICH8 Family) USB UHCI Controller #2"  
SubVendor: pci 0x147b "ABIT Computer Corp."  
SubDevice: pci 0x1080  
Revision: 0x02  
Driver: "uhci\_hcd"  
Driver Modules: "uhci\_hcd"  
I/O Ports: 0xfc00-0xfc1f (rw)  
IRQ: 17 (27625 events)  
Module Alias: "pci:v00008086d00002831sv0000147Bsd00001080bc0Csc03i00"  
Driver Info #0:  
  Driver Status: uhci-hcd is active  
  Driver Activation Cmd: "modprobe uhci-hcd"  
Config Status: cfg=no, avail=yes, need=no, active=unknown

23: PCI 1d.2: 0c03 USB Controller (UHCI)  
[Created at pci.301]  
UDI: /org/freedesktop/Hal/devices/pci\_8086\_2832  
Unique ID: mvRC.KWS7widyr6D  
SysFS ID: /devices/pci0000:00/0000:00:1d.2  
SysFS BusID: 0000:00:1d.2  
Hardware Class: usb controller  
Model: "ABIT 82801H (ICH8 Family) USB UHCI Controller #3"  
Vendor: pci 0x8086 "Intel Corporation"  
Device: pci 0x2832 "82801H (ICH8 Family) USB UHCI Controller #3"  
SubVendor: pci 0x147b "ABIT Computer Corp."  
SubDevice: pci 0x1080  
Revision: 0x02  
Driver: "uhci\_hcd"  
Driver Modules: "uhci\_hcd"  
I/O Ports: 0xfb00-0xfb1f (rw)  
IRQ: 19 (no events)  
Module Alias: "pci:v00008086d00002832sv0000147Bsd00001080bc0Csc03i00"  
Driver Info #0:  
  Driver Status: uhci-hcd is active

Driver Activation Cmd: "modprobe uhci-hcd"  
Config Status: cfg=no, avail=yes, need=no, active=unknown

24: PCI 1d.7: 0c03 USB Controller (EHCI)

[Created at pci.301]  
UDI: /org/freedesktop/Hal/devices/pci\_8086\_2836  
Unique ID: 5YuN.uAqI73bXUU3  
SysFS ID: /devices/pci0000:00/0000:00:1d.7  
SysFS BusID: 0000:00:1d.7  
Hardware Class: usb controller  
Model: "ABIT 82801H (ICH8 Family) USB2 EHCI Controller #1"  
Vendor: pci 0x8086 "Intel Corporation"  
Device: pci 0x2836 "82801H (ICH8 Family) USB2 EHCI Controller #1"  
SubVendor: pci 0x147b "ABIT Computer Corp."  
SubDevice: pci 0x1080  
Revision: 0x02  
Driver: "ehci\_hcd"  
Driver Modules: "ehci\_hcd"  
Memory Range: 0xfdffe000-0xfdffe3ff (rw,non-prefetchable)  
IRQ: 20 (no events)  
Module Alias: "pci:v00008086d00002836sv0000147Bsd00001080bc0Csc03i20"  
Driver Info #0:  
Driver Status: ehci-hcd is active  
Driver Activation Cmd: "modprobe ehci-hcd"  
Config Status: cfg=no, avail=yes, need=no, active=unknown

25: PCI 1e.0: 0604 PCI bridge (Subtractive decode)

[Created at pci.301]  
UDI: /org/freedesktop/Hal/devices/pci\_8086\_244e  
Unique ID: 6NW+.NiX3vIdArFF  
SysFS ID: /devices/pci0000:00/0000:00:1e.0  
SysFS BusID: 0000:00:1e.0  
Hardware Class: bridge  
Model: "Intel 82801 PCI Bridge"  
Vendor: pci 0x8086 "Intel Corporation"  
Device: pci 0x244e "82801 PCI Bridge"  
Revision: 0xf2  
Module Alias: "pci:v00008086d0000244Esv00000000sd00000000bc06sc04i01"  
Config Status: cfg=no, avail=yes, need=no, active=unknown

26: PCI 1f.0: 0601 ISA bridge

[Created at pci.301]  
UDI: /org/freedesktop/Hal/devices/pci\_8086\_2810  
Unique ID: BUZT.fqAOwm2dYC4  
SysFS ID: /devices/pci0000:00/0000:00:1f.0  
SysFS BusID: 0000:00:1f.0  
Hardware Class: bridge  
Model: "Intel 82801HB/HR (ICH8/R) LPC Interface Controller"  
Vendor: pci 0x8086 "Intel Corporation"  
Device: pci 0x2810 "82801HB/HR (ICH8/R) LPC Interface Controller"  
SubVendor: pci 0x8086 "Intel Corporation"  
SubDevice: pci 0x2810  
Revision: 0x02  
Module Alias: "pci:v00008086d00002810sv00008086sd00002810bc06sc01i00"  
Driver Info #0:  
Driver Status: iTCO\_wdt is active  
Driver Activation Cmd: "modprobe iTCO\_wdt"  
Config Status: cfg=no, avail=yes, need=no, active=unknown

27: PCI 1f.2: 0101 IDE interface

[Created at pci.301]  
UDI: /org/freedesktop/Hal/devices/pci\_8086\_2820  
Unique ID: w7Y8.49IP6FoSNyF

SysFS ID: /devices/pci0000:00/0000:00:1f.2  
SysFS BusID: 0000:00:1f.2  
Hardware Class: storage  
Model: "ABIT 82801H (ICH8 Family) 4 port SATA IDE Controller"  
Vendor: pci 0x8086 "Intel Corporation"  
Device: pci 0x2820 "82801H (ICH8 Family) 4 port SATA IDE Controller"  
SubVendor: pci 0x147b "ABIT Computer Corp."  
SubDevice: pci 0x1080  
Revision: 0x02  
Driver: "ata\_piix"  
Driver Modules: "ata\_piix"  
I/O Ports: 0xfa00-0xfa07 (rw)  
I/O Ports: 0xf900-0xf903 (rw)  
I/O Ports: 0xf800-0xf807 (rw)  
I/O Ports: 0xf700-0xf703 (rw)  
I/O Ports: 0xf600-0xf60f (rw)  
I/O Ports: 0xf500-0xf50f (rw)  
IRQ: 17 (27625 events)  
Module Alias: "pci:v00008086d00002820sv0000147Bsd00001080bc01sc01i8f"  
Driver Info #0:  
  Driver Status: ata\_piix is active  
  Driver Activation Cmd: "modprobe ata\_piix"  
Driver Info #1:  
  Driver Status: ata\_generic is not active  
  Driver Activation Cmd: "modprobe ata\_generic"  
Driver Info #2:  
  Driver Status: generic is not active  
  Driver Activation Cmd: "modprobe generic"  
Config Status: cfg=no, avail=yes, need=no, active=unknown

#### 28: PCI 1f.3: 0c05 SMBus

[Created at pci.301]  
UDI: /org/freedesktop/Hal/devices/pci\_8086\_283e  
Unique ID: nS1\_YvfXC2PlaXE  
SysFS ID: /devices/pci0000:00/0000:00:1f.3  
SysFS BusID: 0000:00:1f.3  
Hardware Class: unknown  
Model: "ABIT 82801H (ICH8 Family) SMBus Controller"  
Vendor: pci 0x8086 "Intel Corporation"  
Device: pci 0x283e "82801H (ICH8 Family) SMBus Controller"  
SubVendor: pci 0x147b "ABIT Computer Corp."  
SubDevice: pci 0x1080  
Revision: 0x02  
Driver: "i801\_smbus"  
Driver Modules: "i2c\_i801"  
Memory Range: 0xfdffd000-0xfdffd0ff (rw,non-prefetchable)  
I/O Ports: 0x500-0x51f (rw)  
IRQ: 17 (27625 events)  
Module Alias: "pci:v00008086d0000283Esv0000147Bsd00001080bc0Csc05i00"  
Driver Info #0:  
  Driver Status: i2c\_i801 is active  
  Driver Activation Cmd: "modprobe i2c\_i801"  
Config Status: cfg=no, avail=yes, need=no, active=unknown

#### 29: PCI 1f.5: 0101 IDE interface

[Created at pci.301]  
UDI: /org/freedesktop/Hal/devices/pci\_8086\_2825  
Unique ID: W60f.VLOTwMF\_ZhA  
SysFS ID: /devices/pci0000:00/0000:00:1f.5  
SysFS BusID: 0000:00:1f.5  
Hardware Class: storage  
Model: "ABIT 82801H (ICH8 Family) 2 port SATA IDE Controller"  
Vendor: pci 0x8086 "Intel Corporation"



Device: pci 0x2825 "82801H (ICH8 Family) 2 port SATA IDE Controller"  
SubVendor: pci 0x147b "ABIT Computer Corp."  
SubDevice: pci 0x1080  
Revision: 0x02  
Driver: "ata\_piix"  
Driver Modules: "ata\_piix"  
I/O Ports: 0xf300-0xf307 (rw)  
I/O Ports: 0xf200-0xf203 (rw)  
I/O Ports: 0xf100-0xf107 (rw)  
I/O Ports: 0xf000-0xf003 (rw)  
I/O Ports: 0xef00-0xef0f (rw)  
I/O Ports: 0xee00-0xee0f (rw)  
IRQ: 17 (27625 events)  
Module Alias: "pci:v00008086d00002825sv0000147Bsd00001080bc01sc01i85"  
Driver Info #0:  
  Driver Status: ata\_piix is active  
  Driver Activation Cmd: "modprobe ata\_piix"  
Driver Info #1:  
  Driver Status: ata\_generic is not active  
  Driver Activation Cmd: "modprobe ata\_generic"  
Driver Info #2:  
  Driver Status: generic is not active  
  Driver Activation Cmd: "modprobe generic"  
Config Status: cfg=no, avail=yes, need=no, active=unknown

30: PCI 100.0: 0300 VGA compatible controller (VGA)

[Created at pci.301]  
UDI: /org/freedesktop/Hal/devices/pci\_10de\_393  
Unique ID: VCu0.KNwISZnvNNF  
Parent ID: vSkL.cutpr6XtQiF  
SysFS ID: /devices/pci0000:00/0000:00:01.0/0000:01:00.0  
SysFS BusID: 0000:01:00.0  
Hardware Class: graphics card  
Model: "ASUSTeK GeForce 7300 GT"  
Vendor: pci 0x10de "nVidia Corporation"  
Device: pci 0x0393 "GeForce 7300 GT"  
SubVendor: pci 0x1043 "ASUSTeK Computer Inc."  
SubDevice: pci 0x822b  
Revision: 0xa1  
Memory Range: 0xfa000000-0xfaffffff (rw,non-prefetchable)  
Memory Range: 0xd0000000-0xdfffffff (rw,prefetchable)  
Memory Range: 0xfb000000-0xfbffffff (rw,non-prefetchable)  
I/O Ports: 0xcf00-0xcf7f (rw)  
Memory Range: 0xfc000000-0xfc01ffff (ro,prefetchable,disabled)  
IRQ: 3 (no events)  
I/O Ports: 0x3c0-0x3df (rw)  
Module Alias: "pci:v000010DEd00000393sv00001043sd0000822Bbc03sc00i00"  
Driver Info #0:  
  XFree86 v4 Server Module: nv  
Config Status: cfg=no, avail=yes, need=no, active=unknown  
Attached to: #16 (PCI bridge)

31: PCI 201.0: 0200 Ethernet controller

[Created at pci.301]  
UDI: /org/freedesktop/Hal/devices/pci\_10ec\_8167  
Unique ID: rBUF.17guvkktfgA  
Parent ID: 6NW+.NiX3vIdArFF  
SysFS ID: /devices/pci0000:00/0000:00:1e.0/0000:02:01.0  
SysFS BusID: 0000:02:01.0  
Hardware Class: network  
Model: "ABIT RTL-8110SC/8169SC Gigabit Ethernet"  
Vendor: pci 0x10ec "Realtek Semiconductor Co., Ltd."  
Device: pci 0x8167 "RTL-8110SC/8169SC Gigabit Ethernet"

SubVendor: pci 0x147b "ABIT Computer Corp."  
SubDevice: pci 0x1080  
Revision: 0x10  
Driver: "r8169"  
Driver Modules: "r8169"  
Device File: eth0  
I/O Ports: 0xd800-0xd8ff (rw)  
Memory Range: 0xfdeff000-0xfdeff0ff (rw,non-prefetchable)  
Memory Range: 0xfdd00000-0xfdd1ffff (ro,prefetchable,disabled)  
IRQ: 22 (8410 events)  
HW Address: 00:50:8d:b2:11:c4  
Link detected: yes  
Module Alias: "pci:v000010ECd00008167sv0000147Bsd00001080bc02sc00i00"  
Driver Info #0:  
  Driver Status: r8169 is active  
  Driver Activation Cmd: "modprobe r8169"  
Config Status: cfg=no, avail=yes, need=no, active=unknown  
Attached to: #25 (PCI bridge)

32: PCI 202.0: 0180 Storage controller  
[Created at pci.301]  
UDI: /org/freedesktop/Hal/devices/pci\_1283\_8211  
Unique ID: LHB6.6Zm8HFW283F  
Parent ID: 6NW+.NiX3vIdArFF  
SysFS ID: /devices/pci0000:00/0000:00:1e.0/0000:02:02.0  
SysFS BusID: 0000:02:02.0  
Hardware Class: storage  
Model: "Integrated Technology Express ITE 8211F Single Channel UDMA 133"  
Vendor: pci 0x1283 "Integrated Technology Express, Inc."  
Device: pci 0x8211 "ITE 8211F Single Channel UDMA 133"  
SubVendor: pci 0x1283 "Integrated Technology Express, Inc."  
SubDevice: pci 0x8211  
Revision: 0x11  
Driver: "pata\_it821x"  
Driver Modules: "pata\_it821x"  
I/O Ports: 0xdf00-0xdf07 (rw)  
I/O Ports: 0xde00-0xde03 (rw)  
I/O Ports: 0xdd00-0xdd07 (rw)  
I/O Ports: 0xdc00-0xdc03 (rw)  
I/O Ports: 0xdb00-0xdb0f (rw)  
Memory Range: 0xfdd20000-0xfdd3ffff (ro,prefetchable,disabled)  
IRQ: 18 (77156 events)  
Module Alias: "pci:v00001283d00008211sv00001283sd00008211bc01sc80i00"  
Driver Info #0:  
  Driver Status: pata\_it821x is active  
  Driver Activation Cmd: "modprobe pata\_it821x"  
Driver Info #1:  
  Driver Status: it821x is not active  
  Driver Activation Cmd: "modprobe it821x"  
Config Status: cfg=no, avail=yes, need=no, active=unknown  
Attached to: #25 (PCI bridge)

33: PCI 205.0: 11200 TV Card  
[Created at pci.301]  
UDI: /org/freedesktop/Hal/devices/pci\_1131\_7133  
Unique ID: ZcKW.H5kuwEem8d1  
Parent ID: 6NW+.NiX3vIdArFF  
SysFS ID: /devices/pci0000:00/0000:00:1e.0/0000:02:05.0  
SysFS BusID: 0000:02:05.0  
Hardware Class: tv card  
Model: "Illegal Vendor ID SAA7133/SAA7135 Video Broadcast Decoder"  
Vendor: pci 0x1131 "Philips Semiconductors"  
Device: pci 0x7133 "SAA7133/SAA7135 Video Broadcast Decoder"

SubVendor: pci 0xffff "Illegal Vendor ID"  
SubDevice: pci 0xffff  
Revision: 0xd0  
Driver: "saa7134"  
Driver Modules: "saa7134"  
Memory Range: 0xfdefe000-0xfdefe7ff (rw,non-prefetchable)  
IRQ: 21 (5836 events)  
Module Alias: "pci:v00001131d00007133sv0000FFFFsd0000FFFFbc04sc80i00"  
Driver Info #0:  
  Driver Status: saa7134 is active  
  Driver Activation Cmd: "modprobe saa7134"  
Config Status: cfg=no, avail=yes, need=no, active=unknown  
Attached to: #25 (PCI bridge)

34: ISA(PnP) 00.0: 0000 Unclassified device  
[Created at isapnp.142]  
UDI: /org/freedesktop/Hal/devices/pnp\_PNP0a08  
Unique ID: z9pp.+GmdJIItMGB9  
SysFS ID: /devices/pnp0/00:00  
SysFS BusID: 00:00  
Hardware Class: unknown  
Model: "PnP Unclassified device"  
SubVendor: PNP "PnP"  
SubDevice: eisa 0x0a08  
Config Status: cfg=no, avail=yes, need=no, active=unknown

35: ISA(PnP) 00.0: 0000 Unclassified device  
[Created at isapnp.142]  
UDI: /org/freedesktop/Hal/devices/pnp\_PNP0c02  
Unique ID: QL3u.B+yZ9Ve8gC1  
SysFS ID: /devices/pnp0/00:01  
SysFS BusID: 00:01  
Hardware Class: unknown  
Model: "PnP Unclassified device"  
SubVendor: PNP "PnP"  
SubDevice: eisa 0x0c02  
Config Status: cfg=no, avail=yes, need=no, active=unknown

36: ISA(PnP) 00.0: 0000 Unclassified device  
[Created at isapnp.142]  
UDI: /org/freedesktop/Hal/devices/pnp\_PNP0200  
Unique ID: tWJy.lD94kxNGZf5  
SysFS ID: /devices/pnp0/00:02  
SysFS BusID: 00:02  
Hardware Class: unknown  
Model: "PnP Unclassified device"  
SubVendor: PNP "PnP"  
SubDevice: eisa 0x0200  
Config Status: cfg=no, avail=yes, need=no, active=unknown

37: ISA(PnP) 00.0: 0000 Unclassified device  
[Created at isapnp.142]  
UDI: /org/freedesktop/Hal/devices/pnp\_PNP0b00  
Unique ID: KiZ0.WYwRElrJa93  
SysFS ID: /devices/pnp0/00:03  
SysFS BusID: 00:03  
Hardware Class: unknown  
Model: "PnP Unclassified device"  
SubVendor: PNP "PnP"  
SubDevice: eisa 0x0b00  
Config Status: cfg=no, avail=yes, need=no, active=unknown

38: ISA(PnP) 00.0: 0000 Unclassified device

[Created at isapnp.142]  
UDI: /org/freedesktop/Hal/devices/pnp\_PNP0800  
Unique ID: ntp4.bvKf3UMzZfE  
SysFS ID: /devices/pnp0/00:04  
SysFS BusID: 00:04  
Hardware Class: unknown  
Model: "PnP Unclassified device"  
SubVendor: PNP "PnP"  
SubDevice: eisa 0x0800  
Config Status: cfg=no, avail=yes, need=no, active=unknown

39: ISA(PnP) 00.0: 0000 Unclassified device  
[Created at isapnp.142]  
UDI: /org/freedesktop/Hal/devices/pnp\_PNP0c04  
Unique ID: E349.DE8RM9cWQQ8  
SysFS ID: /devices/pnp0/00:05  
SysFS BusID: 00:05  
Hardware Class: unknown  
Model: "PnP Unclassified device"  
SubVendor: PNP "PnP"  
SubDevice: eisa 0x0c04  
Config Status: cfg=no, avail=yes, need=no, active=unknown

40: ISA(PnP) 00.0: 0000 Unclassified device  
[Created at isapnp.142]  
UDI: /org/freedesktop/Hal/devices/pnp\_PNP0700  
Unique ID: hEKD.yhTOLOXWEq7  
SysFS ID: /devices/pnp0/00:06  
SysFS BusID: 00:06  
Hardware Class: unknown  
Model: "PnP Unclassified device"  
SubVendor: PNP "PnP"  
SubDevice: eisa 0x0700  
Config Status: cfg=no, avail=yes, need=no, active=unknown

41: ISA(PnP) 00.0: 0000 Unclassified device  
[Created at isapnp.142]  
UDI: /org/freedesktop/Hal/devices/pnp\_PNP0501  
Unique ID: NhVi.BuKI+IsoRmD  
SysFS ID: /devices/pnp0/00:07  
SysFS BusID: 00:07  
Hardware Class: unknown  
Model: "PnP Unclassified device"  
SubVendor: PNP "PnP"  
SubDevice: eisa 0x0501  
Config Status: cfg=no, avail=yes, need=no, active=unknown

42: ISA(PnP) 00.0: 0000 Unclassified device  
[Created at isapnp.142]  
UDI: /org/freedesktop/Hal/devices/pnp\_PNP0f13  
Unique ID: qslm.t7Yh1tpgb13  
SysFS ID: /devices/pnp0/00:08  
SysFS BusID: 00:08  
Hardware Class: unknown  
Model: "PnP Unclassified device"  
SubVendor: PNP "PnP"  
SubDevice: eisa 0x0f13  
Config Status: cfg=no, avail=yes, need=no, active=unknown

43: ISA(PnP) 00.0: 0000 Unclassified device  
[Created at isapnp.142]  
UDI: /org/freedesktop/Hal/devices/pnp\_PNP0303  
Unique ID: H20r.xhndIW9HXJ7

SysFS ID: /devices/pnp0/00:09  
SysFS BusID: 00:09  
Hardware Class: unknown  
Model: "PnP Unclassified device"  
SubVendor: PNP "PnP"  
SubDevice: eisa 0x0303  
Config Status: cfg=no, avail=yes, need=no, active=unknown

44: ISA(PnP) 00.0: 0000 Unclassified device  
[Created at isapnp.142]  
UDI: /org/freedesktop/Hal/devices/pnp\_PNP0c02\_0  
Unique ID: iT2w.B+yZ9Ve8gC1  
SysFS ID: /devices/pnp0/00:0a  
SysFS BusID: 00:0a  
Hardware Class: unknown  
Model: "PnP Unclassified device"  
SubVendor: PNP "PnP"  
SubDevice: eisa 0x0c02  
Config Status: cfg=no, avail=yes, need=no, active=unknown

45: ISA(PnP) 00.0: 0000 Unclassified device  
[Created at isapnp.142]  
UDI: /org/freedesktop/Hal/devices/pnp\_INT0800  
Unique ID: 9fI\_jDhFyyFrBg5  
SysFS ID: /devices/pnp0/00:0b  
SysFS BusID: 00:0b  
Hardware Class: unknown  
Model: "Unclassified device"  
SubVendor: INT  
SubDevice: eisa 0x0800  
Config Status: cfg=no, avail=yes, need=no, active=unknown

46: ISA(PnP) 00.0: 0000 Unclassified device  
[Created at isapnp.142]  
UDI: /org/freedesktop/Hal/devices/pnp\_PNP0c02\_1  
Unique ID: cqY2.B+yZ9Ve8gC1  
SysFS ID: /devices/pnp0/00:0c  
SysFS BusID: 00:0c  
Hardware Class: unknown  
Model: "PnP Unclassified device"  
SubVendor: PNP "PnP"  
SubDevice: eisa 0x0c02  
Config Status: cfg=no, avail=yes, need=no, active=unknown

47: ISA(PnP) 00.0: 0000 Unclassified device  
[Created at isapnp.142]  
UDI: /org/freedesktop/Hal/devices/pnp\_PNP0c01  
Unique ID: 30p6.gNN83gfynbD  
SysFS ID: /devices/pnp0/00:0d  
SysFS BusID: 00:0d  
Hardware Class: unknown  
Model: "PnP Unclassified device"  
SubVendor: PNP "PnP"  
SubDevice: eisa 0x0c01  
Config Status: cfg=no, avail=yes, need=no, active=unknown

48: None 00.0: 0700 Serial controller (16550)  
[Created at serial.74]  
UDI: /org/freedesktop/Hal/devices/pnp\_PNP0501\_serial\_platform\_0  
Unique ID: S\_Uw.3fyvFV+mbWD  
Hardware Class: unknown  
Model: "16550A"  
Device: "16550A"

Device File: /dev/ttyS0  
I/O Ports: 0x3f8-0x3ff (rw)  
IRQ: 4 (67 events)  
Config Status: cfg=new, avail=yes, need=no, active=unknown

49: IDE 00.0: 10600 Disk

[Created at block.233]  
UDI: /org/freedesktop/Hal/devices/storage\_serial\_SATA\_WDC\_WD2500KS\_00\_WD\_WCANKE727854  
Unique ID: z70z.fQRNjsbvG9E  
Parent ID: w7Y8.49IP6FoSNyF  
SysFS ID: /block/sda  
SysFS BusID: 0:0:0:0  
SysFS Device Link: /devices/pci0000:00/0000:00:1f.2/host0/target0:0:0:0:0:0  
Hardware Class: disk  
Model: "WDC WD2500KS-00M"  
Vendor: "WDC"  
Device: "WD2500KS-00M"  
Revision: "02.0"  
Serial ID: "WD-WCANKE727854"  
Driver: "ata\_piix", "sd"  
Driver Modules: "ata\_piix"  
Device File: /dev/sda  
Device Files: /dev/sda, /dev/disk/by-id/scsi-SATA\_WDC\_WD2500KS-00\_WD-WCANKE727854, /dev/disk/by-id/ata-WDC\_WD2500KS-00MJB0\_WD-WCANKE727854, /dev/disk/by-path/pci-0000:00:1f.2-scsi-0:0:0:0, /dev/disk/by-id/edd-int13\_dev80  
Device Number: block 8:0-8:15  
BIOS id: 0x80  
Geometry (Logical): CHS 30401/255/63  
Size: 488397168 sectors a 512 bytes  
Geometry (BIOS EDD): CHS 484521/16/63  
Size (BIOS EDD): 488397168 sectors  
Geometry (BIOS Legacy): CHS 1023/255/63  
Config Status: cfg=no, avail=yes, need=no, active=unknown  
Attached to: #27 (IDE interface)

50: None 00.0: 11300 Partition

[Created at block.402]  
UDI: /org/freedesktop/Hal/devices/volume\_part1\_size\_1024  
Unique ID: 1tKY.SE1wIdpsiiC  
Parent ID: z70z.fQRNjsbvG9E  
SysFS ID: /block/sda/sda1  
Hardware Class: partition  
Model: "Partition"  
Device File: /dev/sda1  
Device Files: /dev/sda1, /dev/disk/by-id/scsi-SATA\_WDC\_WD2500KS-00\_WD-WCANKE727854-part1, /dev/disk/by-id/ata-WDC\_WD2500KS-00MJB0\_WD-WCANKE727854-part1, /dev/disk/by-path/pci-0000:00:1f.2-scsi-0:0:0:0-part1, /dev/disk/by-id/edd-int13\_dev80-part1  
Config Status: cfg=no, avail=yes, need=no, active=unknown  
Attached to: #49 (Disk)

51: None 00.0: 11300 Partition

[Created at block.402]  
UDI: /org/freedesktop/Hal/devices/volume\_uuid\_32E0988BE0985747  
Unique ID: raLp.SE1wIdpsiiC  
Parent ID: z70z.fQRNjsbvG9E  
SysFS ID: /block/sda/sda5  
Hardware Class: partition  
Model: "Partition"  
Device File: /dev/sda5  
Device Files: /dev/sda5, /dev/disk/by-id/scsi-SATA\_WDC\_WD2500KS-00\_WD-WCANKE727854-part5, /dev/disk/by-id/ata-WDC\_WD2500KS-00MJB0\_WD-WCANKE727854-part5, /dev/disk/by-path/pci-0000:00:1f.2-scsi-0:0:0:0-part5, /dev/disk/by-uuid/32E0988BE0985747, /dev/disk/by-label/WD\_Filme, /dev/disk/by-id/edd-int13\_dev80-part5

Config Status: cfg=no, avail=yes, need=no, active=unknown  
Attached to: #49 (Disk)

52: None 00.0: 11300 Partition

[Created at block.402]

UDI: /org/freedesktop/Hal/devices/volume\_uuid\_767CF2AD7CF266F1

Unique ID: Imbt.SE1wIdpsiiC

Parent ID: z70z.fQRNjsbvG9E

SysFS ID: /block/sda/sda6

Hardware Class: partition

Model: "Partition"

Device File: /dev/sda6

Device Files: /dev/sda6, /dev/disk/by-id/scsi-SATA\_WDC\_WD2500KS-00\_WD-WCANKE727854-part6, /dev/disk/by-id/ata-WDC\_WD2500KS-00MJB0\_WD-WCANKE727854-part6, /dev/disk/by-path/pci-0000:00:1f.2-scsi-0:0:0:0-part6, /dev/disk/by-uuid/767CF2AD7CF266F1, /dev/disk/by-label/WD, /dev/disk/by-id/edd-int13\_dev80-part6

Config Status: cfg=no, avail=yes, need=no, active=unknown

Attached to: #49 (Disk)

53: IDE 100.0: 10600 Disk

[Created at block.233]

UDI: /org/freedesktop/Hal/devices/storage\_serial\_SATA\_WDC\_WD800JD\_00M\_WD\_WMAM9HS15226

Unique ID: 6ATA.9EOW7iT\_2dE

Parent ID: w7Y8.49IP6FoSNyF

SysFS ID: /block/sdb

SysFS BusID: 1:0:0:0

SysFS Device Link: /devices/pci0000:00/0000:00:1f.2/host1/target1:0:0/1:0:0:0

Hardware Class: disk

Model: "WDC WD800JD-00MS"

Vendor: "WDC"

Device: "WD800JD-00MS"

Revision: "10.0"

Serial ID: "WD-WMAM9HS15226"

Driver: "ata\_piix", "sd"

Driver Modules: "ata\_piix"

Device File: /dev/sdb

Device Files: /dev/sdb, /dev/disk/by-id/scsi-SATA\_WDC\_WD800JD-00M\_WD-WMAM9HS15226, /dev/disk/by-id/ata-WDC\_WD800JD-00MSA1\_WD-WMAM9HS15226, /dev/disk/by-path/pci-0000:00:1f.2-scsi-1:0:0:0, /dev/disk/by-id/edd-int13\_dev81

Device Number: block 8:16-8:31

BIOS id: 0x81

Geometry (Logical): CHS 9729/255/63

Size: 156301488 sectors a 512 bytes

Geometry (BIOS EDD): CHS 155061/16/63

Size (BIOS EDD): 156301488 sectors

Geometry (BIOS Legacy): CHS 1023/255/63

Config Status: cfg=no, avail=yes, need=no, active=unknown

Attached to: #27 (IDE interface)

54: None 00.0: 11300 Partition

[Created at block.402]

UDI: /org/freedesktop/Hal/devices/volume\_uuid\_BE84664A846604ED

Unique ID: 6Kfz.SE1wIdpsiiC

Parent ID: 6ATA.9EOW7iT\_2dE

SysFS ID: /block/sdb/sdb1

Hardware Class: partition

Model: "Partition"

Device File: /dev/sdb1

Device Files: /dev/sdb1, /dev/disk/by-id/scsi-SATA\_WDC\_WD800JD-00M\_WD-WMAM9HS15226-part1, /dev/disk/by-id/ata-WDC\_WD800JD-00MSA1\_WD-WMAM9HS15226-part1, /dev/disk/by-path/pci-0000:00:1f.2-scsi-1:0:0:0-part1, /dev/disk/by-uuid/BE84664A846604ED, /dev/disk/by-id/edd-int13\_dev81-part1

Config Status: cfg=no, avail=yes, need=no, active=unknown

Attached to: #53 (Disk)

55: IDE 500.0: 10600 Disk  
[Created at block.233]  
UDI: /org/freedesktop/Hal/devices/storage\_serial\_SATA\_Maxtor\_6B200P0\_B42E01EH  
Unique ID: FCwN.IDWan3Id+V4  
Parent ID: LHB6.6Zm8HFW283F  
SysFS ID: /block/sdc  
SysFS BusID: 5:0:0:0  
SysFS Device Link: /devices/pci0000:00/0000:00:1e.0/0000:02:02.0/host5/target5:0:0/5:0:0:0  
Hardware Class: disk  
Model: "Maxtor 6B200P0"  
Vendor: "Maxtor"  
Device: "6B200P0"  
Revision: "BAH4"  
Serial ID: "B42E01EH"  
Driver: "pata\_it821x", "sd"  
Driver Modules: "pata\_it821x"  
Device File: /dev/sdc  
Device Files: /dev/sdc, /dev/disk/by-id/scsi-SATA\_Maxtor\_6B200P0\_B42E01EH, /dev/disk/by-id/ata-Maxtor\_6B200P0\_B42E01EH, /dev/disk/by-path/pci-0000:02:02.0-scsi-1:0:0:0, /dev/disk/by-id/edd-int13\_dev82  
Device Number: block 8:32-8:47  
BIOS id: 0x82  
Geometry (Logical): CHS 24792/255/63  
Size: 398297088 sectors a 512 bytes  
Geometry (BIOS Legacy): CHS 1023/255/63  
Config Status: cfg=no, avail=yes, need=no, active=unknown  
Attached to: #32 (Storage controller)

56: None 00.0: 11300 Partition  
[Created at block.402]  
UDI: /org/freedesktop/Hal/devices/volume\_uuid\_9014dddc\_97a3\_4774\_889f\_8ba9273ff076  
Unique ID: BnzO.SE1wIdpsiiC  
Parent ID: FCwN.IDWan3Id+V4  
SysFS ID: /block/sdc/sdc1  
Hardware Class: partition  
Model: "Partition"  
Device File: /dev/sdc1  
Device Files: /dev/sdc1, /dev/disk/by-id/scsi-SATA\_Maxtor\_6B200P0\_B42E01EH-part1, /dev/disk/by-id/ata-Maxtor\_6B200P0\_B42E01EH-part1, /dev/disk/by-path/pci-0000:02:02.0-scsi-1:0:0:0-part1, /dev/disk/by-uuid/9014dddc-97a3-4774-889f-8ba9273ff076, /dev/disk/by-id/edd-int13\_dev82-part1  
Config Status: cfg=no, avail=yes, need=no, active=unknown  
Attached to: #55 (Disk)

57: None 00.0: 11300 Partition  
[Created at block.402]  
UDI: /org/freedesktop/Hal/devices/volume\_uuid\_2b70d955\_8132\_4120\_9462\_18fa3223ebb0  
Unique ID: eyDT.SE1wIdpsiiC  
Parent ID: FCwN.IDWan3Id+V4  
SysFS ID: /block/sdc/sdc2  
Hardware Class: partition  
Model: "Partition"  
Device File: /dev/sdc2  
Device Files: /dev/sdc2, /dev/disk/by-id/scsi-SATA\_Maxtor\_6B200P0\_B42E01EH-part2, /dev/disk/by-id/ata-Maxtor\_6B200P0\_B42E01EH-part2, /dev/disk/by-path/pci-0000:02:02.0-scsi-1:0:0:0-part2, /dev/disk/by-uuid/2b70d955-8132-4120-9462-18fa3223ebb0, /dev/disk/by-id/edd-int13\_dev82-part2  
Config Status: cfg=no, avail=yes, need=no, active=unknown  
Attached to: #55 (Disk)

58: None 00.0: 11300 Partition  
[Created at block.402]  
UDI: /org/freedesktop/Hal/devices/volume\_uuid\_1031545b\_9d3b\_4196\_9374\_2a6951c6f8d2  
Unique ID: 58UX.SE1wIdpsiiC  
Parent ID: FCwN.IDWan3Id+V4



SysFS ID: /block/sdc/sdc3  
Hardware Class: partition  
Model: "Partition"  
Device File: /dev/sdc3  
Device Files: /dev/sdc3, /dev/disk/by-id/scsi-SATA\_Maxtor\_6B200P0\_B42E01EH-part3, /dev/disk/by-id/ata-Maxtor\_6B200P0\_B42E01EH-part3, /dev/disk/by-path/pci-0000:02:02.0-scsi-1:0:0:0-part3, /dev/disk/by-uuid/1031545b-9d3b-4196-9374-2a6951c6f8d2, /dev/disk/by-id/edd-int13\_dev82-part3  
Config Status: cfg=no, avail=yes, need=no, active=unknown  
Attached to: #55 (Disk)

59: SCSI 200.0: 10602 CD-ROM

[Created at block.237]  
UDI: /org/freedesktop/Hal/devices/storage\_model\_DRW\_1612BL  
Unique ID: twPO.N660GWJz21B  
Parent ID: W60f.VLOTwMF\_ZhA  
SysFS ID: /block/sr0  
SysFS BusID: 2:0:0:0  
SysFS Device Link: /devices/pci0000:00/0000:00:1f.5/host2/target2:0:0/2:0:0:0  
Hardware Class: cdrom  
Model: "ASUS DRW-1612BL"  
Vendor: "ASUS"  
Device: "DRW-1612BL"  
Revision: "1.10"  
Driver: "ata\_piix", "sr"  
Driver Modules: "ata\_piix"  
Device File: /dev/sr0 (/dev/sg2)  
Device Files: /dev/sr0, /dev/scd0, /dev/disk/by-path/pci-0000:00:1f.5-scsi-0:0:0:0, /dev/cdrom, /dev/cdrw, /dev/dvd, /dev/dvdrw  
Device Number: block 11:0 (char 21:2)  
Features: CD-R, CD-RW, DVD-R, DVD-RW, DVD+R, DVD+RW, DVD+DL, DVD-RAM  
Drive status: no medium  
Config Status: cfg=no, avail=yes, need=no, active=unknown  
Attached to: #29 (IDE interface)  
Drive Speed: 94

60: USB 00.0: 10a00 Hub

[Created at usb.122]  
UDI: /org/freedesktop/Hal/devices/usb\_device\_0\_0\_0000\_00\_1a\_7\_if0  
Unique ID: k4bc.6UIQqBMUG0E  
Parent ID: sClz.yqbI2HPabb3  
SysFS ID: /devices/pci0000:00/0000:00:1a.7/usb1/1-0:1.0  
SysFS BusID: 1-0:1.0  
Hardware Class: hub  
Model: "Linux 2.6.22.5-31-default ehci\_hcd EHCI Host Controller"  
Hotplug: USB  
Vendor: "Linux 2.6.22.5-31-default ehci\_hcd"  
Device: "EHCI Host Controller"  
Revision: "2.06"  
Serial ID: "0000:00:1a.7"  
Driver: "hub"  
Driver Modules: "usbcore"  
Speed: 480 Mbps  
Module Alias: "usb:v0000p0000d0206dc09dsc00dp01ic09isc00ip00"  
Driver Info #0:  
  Driver Status: usbcore is active  
  Driver Activation Cmd: "modprobe usbcore"  
Config Status: cfg=no, avail=yes, need=no, active=unknown  
Attached to: #19 (USB Controller)

61: USB 00.0: 10a00 Hub

[Created at usb.122]  
UDI: /org/freedesktop/Hal/devices/usb\_device\_0\_0\_0000\_00\_1d\_7\_if0  
Unique ID: pBe4.fYBXNO\_nsr5

Parent ID: 5YuN.uAqI73bXUU3  
SysFS ID: /devices/pci0000:00/0000:00:1d.7/usb2/2-0:1.0  
SysFS BusID: 2-0:1.0  
Hardware Class: hub  
Model: "Linux 2.6.22.5-31-default ehci\_hcd EHCI Host Controller"  
Hotplug: USB  
Vendor: "Linux 2.6.22.5-31-default ehci\_hcd"  
Device: "EHCI Host Controller"  
Revision: "2.06"  
Serial ID: "0000:00:1d.7"  
Driver: "hub"  
Driver Modules: "usbcore"  
Speed: 480 Mbps  
Module Alias: "usb:v0000p0000d0206dc09dsc00dp01ic09isc00ip00"  
Driver Info #0:  
  Driver Status: usbcore is active  
  Driver Activation Cmd: "modprobe usbcore"  
Config Status: cfg=no, avail=yes, need=no, active=unknown  
Attached to: #24 (USB Controller)

62: USB 00.0: 10a00 Hub  
[Created at usb.122]  
UDI: /org/freedesktop/Hal/devices/usb\_device\_0\_0\_0000\_00\_1a\_0\_if0  
Unique ID: ulhY.F18L3E2BTjD  
Parent ID: pwJ7.MLLdtrsMvtD  
SysFS ID: /devices/pci0000:00/0000:00:1a.0/usb3/3-0:1.0  
SysFS BusID: 3-0:1.0  
Hardware Class: hub  
Model: "Linux 2.6.22.5-31-default uhci\_hcd UHCI Host Controller"  
Hotplug: USB  
Vendor: "Linux 2.6.22.5-31-default uhci\_hcd"  
Device: "UHCI Host Controller"  
Revision: "2.06"  
Serial ID: "0000:00:1a.0"  
Driver: "hub"  
Driver Modules: "usbcore"  
Speed: 12 Mbps  
Module Alias: "usb:v0000p0000d0206dc09dsc00dp00ic09isc00ip00"  
Driver Info #0:  
  Driver Status: usbcore is active  
  Driver Activation Cmd: "modprobe usbcore"  
Config Status: cfg=no, avail=yes, need=no, active=unknown  
Attached to: #17 (USB Controller)

63: USB 00.0: 10a00 Hub  
[Created at usb.122]  
UDI: /org/freedesktop/Hal/devices/usb\_device\_0\_0\_0000\_00\_1a\_1\_if0  
Unique ID: zPk0.0mCwQ\_quP+4  
Parent ID: gFpy.tlHNMQ\_3RGE  
SysFS ID: /devices/pci0000:00/0000:00:1a.1/usb4/4-0:1.0  
SysFS BusID: 4-0:1.0  
Hardware Class: hub  
Model: "Linux 2.6.22.5-31-default uhci\_hcd UHCI Host Controller"  
Hotplug: USB  
Vendor: "Linux 2.6.22.5-31-default uhci\_hcd"  
Device: "UHCI Host Controller"  
Revision: "2.06"  
Serial ID: "0000:00:1a.1"  
Driver: "hub"  
Driver Modules: "usbcore"  
Speed: 12 Mbps  
Module Alias: "usb:v0000p0000d0206dc09dsc00dp00ic09isc00ip00"  
Driver Info #0:

Driver Status: usbcore is active  
Driver Activation Cmd: "modprobe usbcore"  
Config Status: cfg=no, avail=yes, need=no, active=unknown  
Attached to: #18 (USB Controller)

64: USB 00.0: 10a00 Hub

[Created at usb.122]  
UDI: /org/freedesktop/Hal/devices/usb\_device\_0\_0\_0000\_00\_1d\_0\_if0  
Unique ID: 2XnU.o51ScQgU3Z5  
Parent ID: 1GTX.IhZdyZOYoLC  
SysFS ID: /devices/pci0000:00/0000:00:1d.0/usb5/5-0:1.0  
SysFS BusID: 5-0:1.0  
Hardware Class: hub  
Model: "Linux 2.6.22.5-31-default uhci\_hcd UHCI Host Controller"  
Hotplug: USB  
Vendor: "Linux 2.6.22.5-31-default uhci\_hcd"  
Device: "UHCI Host Controller"  
Revision: "2.06"  
Serial ID: "0000:00:1d.0"  
Driver: "hub"  
Driver Modules: "usbcore"  
Speed: 12 Mbps  
Module Alias: "usb:v0000p0000d0206dc09dsc00dp00ic09isc00ip00"  
Driver Info #0:  
Driver Status: usbcore is active  
Driver Activation Cmd: "modprobe usbcore"  
Config Status: cfg=no, avail=yes, need=no, active=unknown  
Attached to: #21 (USB Controller)

65: USB 00.0: 10a00 Hub

[Created at usb.122]  
UDI: /org/freedesktop/Hal/devices/usb\_device\_0\_0\_0000\_00\_1d\_1\_if0  
Unique ID: 7eqy.Zq51\_ATC0rC  
Parent ID: vayM.p5WNR8WFKkC  
SysFS ID: /devices/pci0000:00/0000:00:1d.1/usb6/6-0:1.0  
SysFS BusID: 6-0:1.0  
Hardware Class: hub  
Model: "Linux 2.6.22.5-31-default uhci\_hcd UHCI Host Controller"  
Hotplug: USB  
Vendor: "Linux 2.6.22.5-31-default uhci\_hcd"  
Device: "UHCI Host Controller"  
Revision: "2.06"  
Serial ID: "0000:00:1d.1"  
Driver: "hub"  
Driver Modules: "usbcore"  
Speed: 12 Mbps  
Module Alias: "usb:v0000p0000d0206dc09dsc00dp00ic09isc00ip00"  
Driver Info #0:  
Driver Status: usbcore is active  
Driver Activation Cmd: "modprobe usbcore"  
Config Status: cfg=no, avail=yes, need=no, active=unknown  
Attached to: #22 (USB Controller)

66: USB 00.0: 10a00 Hub

[Created at usb.122]  
UDI: /org/freedesktop/Hal/devices/usb\_device\_0\_0\_0000\_00\_1d\_2\_if0  
Unique ID: BSFT.KZAcLxFwy64  
Parent ID: mvRC.KWS7widy6D  
SysFS ID: /devices/pci0000:00/0000:00:1d.2/usb7/7-0:1.0  
SysFS BusID: 7-0:1.0  
Hardware Class: hub  
Model: "Linux 2.6.22.5-31-default uhci\_hcd UHCI Host Controller"  
Hotplug: USB

Vendor: "Linux 2.6.22.5-31-default uhci\_hcd"  
Device: "UHCI Host Controller"  
Revision: "2.06"  
Serial ID: "0000:00:1d.2"  
Driver: "hub"  
Driver Modules: "usbcore"  
Speed: 12 Mbps  
Module Alias: "usb:v0000p0000d0206dc09dsc00dp00ic09isc00ip00"  
Driver Info #0:  
  Driver Status: usbcore is active  
  Driver Activation Cmd: "modprobe usbcore"  
Config Status: cfg=no, avail=yes, need=no, active=unknown  
Attached to: #23 (USB Controller)

67: PS/2 00.0: 10800 Keyboard  
[Created at input.139]  
UDI: /org/freedesktop/Hal/devices/platform\_i8042\_i8042\_KBD\_port\_logicaldev\_input  
Unique ID: nLyy.TBWTwSuMeW2  
Hardware Class: keyboard  
Model: "AT Translated Set 2 keyboard"  
Vendor: int 0x0211  
Device: int 0x0001 "AT Translated Set 2 keyboard"  
Device File: /dev/input/event0  
Device Files: /dev/input/event0, /dev/input/by-path/platform-i8042-serio-0-event-kbd  
Device Number: char 13:64  
Driver Info #0:  
  XkbRules: xfree86  
  XkbModel: pc104  
Config Status: cfg=no, avail=yes, need=no, active=unknown

68: PS/2 00.0: 10500 PS/2 Mouse  
[Created at input.159]  
UDI: /org/freedesktop/Hal/devices/platform\_i8042\_i8042\_AUX\_port\_logicaldev\_input  
Unique ID: AH6Q.zl07e6mUyw1  
Hardware Class: mouse  
Model: "ImExPS/2 Generic Explorer Mouse"  
Vendor: int 0x0210  
Device: int 0x0025 "ImExPS/2 Generic Explorer Mouse"  
Device File: /dev/input/mice (/dev/input/mouse0)  
Device Files: /dev/input/mice, /dev/input/mouse0, /dev/input/event2, /dev/input/by-path/platform-i8042-serio-1-event-mouse, /dev/input/by-path/platform-i8042-serio-1-mouse  
Device Number: char 13:63 (char 13:32)  
Driver Info #0:  
  Buttons: 5  
  Wheels: 2  
  XFree86 Protocol: explorerps/2  
  GPM Protocol: exps2  
Config Status: cfg=no, avail=yes, need=no, active=unknown

69: None 00.0: 10103 CPU  
[Created at cpu.301]  
Unique ID: rdCR.j8NaKXDZtZ6  
Hardware Class: cpu  
Arch: Intel  
Vendor: "GenuineIntel"  
Model: 6.15.2 "Genuine Intel(R) CPU       2160 @ 1.80GHz"  
Features:  
fpu,vme,de,pse,tsc,msr,pae,mce,cx8,apic,sep,mtrr,pge,mca,cmov,pat,pse36,clflush,dts,acpi,mmx,fxsr,sse,sse2,ss,ht,tm,p  
be,nx,lm,constant\_tsc,pni,monitor,ds\_cpl,est,tm2,ssse3,cx16,xtptr,lahf\_lm  
Clock: 1200 MHz  
BogoMips: 3603.02  
Cache: 1024 kb  
Units/Processor: 2

Config Status: cfg=no, avail=yes, need=no, active=unknown

70: None 01.0: 10103 CPU

[Created at cpu.301]

Unique ID: wkFv.j8NaKXDZtZ6

Hardware Class: cpu

Arch: Intel

Vendor: "GenuineIntel"

Model: 6.15.2 "Genuine Intel(R) CPU 2160 @ 1.80GHz"

Features:

fpu,vme,de,pse,tsc,msr,pae,mce,cx8,apic,sep,mtrr,pge,mca,cmov,pat,pse36,clflush,dts,acpi,mmx,fxsr,sse,sse2,ss,ht,tm,pbe,nx,lm,constant\_tsc,pni,monitor,ds\_cpl,est,tm2,ssse3,cx16,xtptr,lahf\_lm

Clock: 1200 MHz

BogoMips: 3600.28

Cache: 1024 kb

Units/Processor: 2

Config Status: cfg=no, avail=yes, need=no, active=unknown

71: None 00.0: 10000 Monitor

[Created at fb.71]

Unique ID: rdCR.EY\_qmtb9YY0

Hardware Class: monitor

Model: "Generic Monitor"

Vendor: "Generic"

Device: "Monitor"

Resolution: 1280x1024@77Hz

Driver Info #0:

Max. Resolution: 1280x1024

Vert. Sync Range: 50-90 Hz

Hor. Sync Range: 31-82 kHz

Config Status: cfg=new, avail=yes, need=no, active=unknown

72: None 00.0: 10700 Loopback

[Created at net.124]

Unique ID: ZsBS.GQNx7L4uPNA

SysFS ID: /class/net/lo

Hardware Class: network interface

Model: "Loopback network interface"

Device File: lo

Link detected: yes

Config Status: cfg=no, avail=yes, need=no, active=unknown

73: None 00.0: 10701 Ethernet

[Created at net.124]

Unique ID: usDW.ndpeucax6V1

Parent ID: rBUF.17guvkktfgA

SysFS ID: /class/net/eth0

SysFS Device Link: /devices/pci0000:00/0000:00:1e.0/0000:02:01.0

Hardware Class: network interface

Model: "Ethernet network interface"

Driver: "r8169"

Driver Modules: "r8169"

Device File: eth0

HW Address: 00:50:8d:b2:11:c4

Link detected: yes

Config Status: cfg=no, avail=yes, need=no, active=unknown

Attached to: #31 (Ethernet controller)