

[opensuse] openSUSE 10.3 not detecting SATA HD

Source: <http://linux.derkeiler.com/Mailing-Lists/SuSE/2007-10/msg00507.html>

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When I boot up the openSUSE 10.3 DVD it takes about 30 seconds or more to load the sata_sis driver. So I'm wondering if that's broke. I've tried acpi=off, which didn't work. I've tried turning off ACPI in bios and acpi=off which didn't work. I tried the Kernel Safe Settings, which didn't work. I tried brokenmodules=sata_sis, which didn't work.

I have two HD's. The primary one is PATA which is where I install the OS. The secondary HD is a SATA which I store /home. As I write this I'm on openSUSE 10.2 and all my hardware is working fine.

What would change in 10.3 that would make SATA all of a sudden non responsive?

```
===== start debug info =====
libhd version 13.18 (x86-64)
using /var/lib/hardware
kernel version is 2.6
----- /proc/cmdline -----
root=/dev/hda6 vga=0x31a resume=/dev/hda5 splash=silent
----- /proc/cmdline end -----
debug = 0xff7fff7
probe = 0x0000138fc4aa17fff9ffe (+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 3342342 at 0x2b7d3a79f000
```

hal.1: read hal data

```
hal: connected to: :1.21
----- hal device list -----
0: udi = '/org/freedesktop/Hal/devices/volume_label_SU1030_001'
block.minor = 0 (0x0)
volume.label = 'SU1030.001'
volume.disc.has_data = true
volume.ignore = false
org.freedesktop.Hal.Device.Volume.method_names = { 'Mount', 'Unmount', 'Eject' }
```

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```
info.capabilities = { 'volume.disc', 'volume', 'block' }
volume.is_partition = false
volume.disc.capacity = 4363681792ull (0x104188000ull)
volume.mount_point = '/media/SU1030.001'
info.category = 'volume'
volume.disc.is_appendable = false
volume.is_disc = true
info.product = 'SU1030.001'
volume.disc.is_videodvd = false
volume.is_mounted = true
block.is_volume = true
volume.linux.is_device_mapper = false
volume.disc.is_svcd = false
block.storage_device = '/org/freedesktop/Hal/devices/storage_model__NEC_DVD_RW_ND_3550A'
info.parent = '/org/freedesktop/Hal/devices/storage_model__NEC_DVD_RW_ND_3550A'
volume.disc.has_audio = false
volume.block_size = 2048 (0x800)
volume.num_blocks = 8522816 (0x820c40)
volume.fsversion = ""
block.device = '/dev/hdc'
volume.uuid = ""
volume.disc.is_rewritable = false
volume.fsusage = 'filesystem'
volume.is_mounted_read_only = true
volume.disc.is_blank = 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 = 4363681792ull (0x104188000ull)
info.udi = '/org/freedesktop/Hal/devices/volume_label_SU1030_001'
volume.mount.valid_options = { 'ro', 'sync', 'dirsync', 'noatime', 'nodiratime', 'noexec', 'quiet', 'remount', 'exec',
'utf8', 'uid=', 'mode=', 'iocharset=' }
org.freedesktop.Hal.Device.Volume.method_signatures = { 'ssas', 'as', 'as' }
block.major = 22 (0x16)
volume.disc.is_vcd = false
volume.fstype = 'iso9660'
org.freedesktop.Hal.Device.Volume.method_execpaths = { 'hal-storage-mount', 'hal-storage-unmount',
'hal-storage-eject' }
volume.unmount.valid_options = { 'lazy' }
volume.disc.type = 'dvd_plus_r'
linux.hotplug_type = 3 (0x3)
linux.sysfs_path = '/sys/block/hdc/fakevolume'
linux.sysfs_path_device = '/sys/block/hdc/fakevolume'

1: udi = '/org/freedesktop/Hal/devices/volume_part1_size_203921109504'
block.minor = 1 (0x1)
volume.label = ""
volume.ignore = true
info.capabilities = { 'volume', 'block' }
volume.partition.flags = { 'boot' }
```

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```
volume.is_partition = true
volume.mount_point = ""
info.category = 'volume'
info.product = 'Volume'
volume.is_disc = false
volume.is_mounted = false
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_6V200E0_V40F4VZG'
info.parent = '/org/freedesktop/Hal/devices/storage_serial_SATA_Maxtor_6V200E0_V40F4VZG'
volume.block_size = 512 (0x200)
volume.partition.number = 1 (0x1)
volume.num_blocks = 398283417 (0x17bd5299)
volume.fsversion = ""
block.device = '/dev/sda1'
volume.uuid = ""
volume.partition.label = ""
volume.partition.scheme = 'mbr'
volume.partition.media_size = 203928109056ull (0x2f7b10000ull)
volume.partition.uuid = ""
volume.fsusage = ""
volume.is_mounted_read_only = false
storage.model = ""
volume.size = 203921109504ull (0x2f7aa53200ull)
info.udi = '/org/freedesktop/Hal/devices/volume_part1_size_203921109504'
block.major = 8 (0x8)
volume.fstype = ""
linux.hotplug_type = 3 (0x3)
volume.partition.start = 32256ull (0x7e00ull)
linux.sysfs_path = '/sys/block/sda/sda1'
linux.sysfs_path_device = '/sys/block/sda/sda1'
```

```
2: udi = '/org/freedesktop/Hal/devices/storage_serial_SATA_Maxtor_6V200E0_V40F4VZG'
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 = 'Maxtor 6V200E0'
storage.drive_type = 'disk'
storage.hotpluggable = false
storage.partitioning_scheme = 'mbr'
storage.physical_device = '/org/freedesktop/Hal/devices/pci_1039_180_scsi_device_lun0'
storage.vendor = 'ATA'
storage.media_check_enabled = false
storage.removable.media_size = 203928109056ull (0x2f7b10000ull)
block.is_volume = false
storage.firmware_version = 'VA11'
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```
block.storage_device = '/org/freedesktop/Hal/devices/storage_serial_SATA_Maxtor_6V200E0_V40F4VZG'  
storage.serial = 'SATA_Maxtor_6V200E0_V40F4VZG'  
info.parent = '/org/freedesktop/Hal/devices/pci_1039_180_scsi_device_lun0'  
storage.size = 203928109056ull (0x2f7b10000ull)  
block.device = '/dev/sda'  
storage.no_partitions_hint = false  
storage.removable = false  
storage.lun = 0 (0x0)  
info.vendor = 'ATA'  
storage.model = 'Maxtor 6V200E0'  
info.udi = '/org/freedesktop/Hal/devices/storage_serial_SATA_Maxtor_6V200E0_V40F4VZG'  
block.major = 8 (0x8)  
linux.hotplug_type = 3 (0x3)  
linux.sysfs_path = '/sys/block/sda'  
storage.automount_enabled_hint = true  
linux.sysfs_path_device = '/sys/block/sda'
```

```
3: udi = '/org/freedesktop/Hal/devices/storage_model_SONY_CD_RW_CRX320E'  
block.minor = 64 (0x40)  
storage.requires_eject = true  
info.capabilities = { 'storage', 'block', 'storage.cdrom' }  
storage.bus = 'ide'  
storage.cdrom.support_media_changed = true  
storage.removable.media_available = false  
storage.cdrom.hddvdr = false  
org.freedesktop.Hal.Device.resmgr.method_names = { 'Grant', 'Revoke' }  
info.category = 'storage'  
info.product = 'SONY CD-RW CRX320E'  
storage.drive_type = 'cdrom'  
storage.hotpluggable = false  
storage.physical_device = '/org/freedesktop/Hal/devices/pci_1039_5513_ide_1_1'  
storage.vendor = ''  
storage.media_check_enabled = true  
storage.cdrom.read_speed = 9173 (0x23d5)  
org.freedesktop.Hal.Device.Storage.method_names = { 'Eject', 'CloseTray' }  
storage.cdrom.dvd = true  
block.is_volume = false  
storage.firmware_version = 'NYK5'  
storage.cdrom.bdre = false  
block.storage_device = '/org/freedesktop/Hal/devices/storage_model_SONY_CD_RW_CRX320E'  
info.addons = { 'hald-addon-storage' }  
info.parent = '/org/freedesktop/Hal/devices/pci_1039_5513_ide_1_1'  
storage.cdrom.dvdplusr = false  
org.freedesktop.Hal.Device.resmgr.method_signatures = { '', '' }  
storage.size = 0ull (0x0ull)  
storage.cdrom.write_speed = 0 (0x0)  
org.freedesktop.Hal.Device.Storage.method_signatures = { 'as', 'as' }  
block.device = '/dev/hdd'  
info.callouts.add = { 'hal-resmgr' }  
org.freedesktop.Hal.Device.Storage.method_argnames = { 'extra_options', 'extra_options' }  
storage.cdrom.cdr = true
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```
storage.no_partitions_hint = true
storage.cdrom.bdr = false
storage.removable = true
storage.cdrom.dvdram = false
storage.cdrom.dvdplusrwdl = false
storage.cdrom.write_speeds = { }
storage.cdrom.dvdr = false
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.model = 'SONY CD-RW CRX320E'
info.udi = '/org/freedesktop/Hal/devices/storage_model_SONY_CD_RW_CRX320E'
info.callouts.remove = { 'hal-resmgr' }
storage.cdrom.dvdplusrdl = true
storage.cdrom.bd = false
storage.cdrom.hddvdrw = false
block.major = 22 (0x16)
resmgr.class = 'cdrom'
linux.hotplug_type = 3 (0x3)
storage.cdrom.dvdplusrw = false
storage.cdrom.cdrw = true
org.freedesktop.Hal.Device.resmgr.method_argnames = { "", "" }
linux.sysfs_path = '/sys/block/hdd'
storage.cdrom.dvdrw = false
storage.automount_enabled_hint = true
linux.sysfs_path_device = '/sys/block/hdd'
storage.cdrom.hddvd = false
org.freedesktop.Hal.Device.resmgr.method_execpaths = { 'hal-resmgr-grant', 'hal-resmgr-revoke' }

4: udi = '/org/freedesktop/Hal/devices/storage_model__NEC_DVD_RW_ND_3550A'
block.minor = 0 (0x0)
storage.requires_eject = true
info.capabilities = { 'storage', 'block', 'storage.cdrom' }
storage.bus = 'ide'
storage.cdrom.support_media_changed = true
storage.removable.media_available = true
storage.cdrom.hddvdr = false
org.freedesktop.Hal.Device.resmgr.method_names = { 'Grant', 'Revoke' }
info.category = 'storage'
info.product = '_NEC DVD_RW ND-3550A'
storage.drive_type = 'cdrom'
storage.hotpluggable = false
storage.physical_device = '/org/freedesktop/Hal/devices/pci_1039_5513_ide_1_0'
storage.vendor = ""
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 = 4363681792ull (0x104188000ull)
block.is_volume = false
storage.firmware_version = '1.05'
```

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```
storage.cdrom.bdre = false
block.storage_device = '/org/freedesktop/Hal/devices/storage_model__NEC_DVD_RW_ND_3550A'
info.addons = { 'hald-addon-storage' }
info.parent = '/org/freedesktop/Hal/devices/pci_1039_5513_ide_1_0'
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/hdc'
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.cdrom.dvdram = false
storage.cdrom.dvdplusrwdl = false
storage.cdrom.write_speeds = { '8467', '7056', '5645', '4234', '2822', '1411' }
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.model = '_NEC DVD_RW ND-3550A'
info.udi = '/org/freedesktop/Hal/devices/storage_model__NEC_DVD_RW_ND_3550A'
info.callouts.remove = { 'hal-resmgr' }
storage.cdrom.dvdplusrdl = true
storage.cdrom.bd = false
storage.cdrom.hddvdrw = false
block.major = 22 (0x16)
resmgr.class = 'cdrom'
linux.hotplug_type = 3 (0x3)
storage.cdrom.dvdplusrw = true
storage.cdrom.cdrw = true
org.freedesktop.Hal.Device.resmgr.method_argnames = { ", " }
linux.sysfs_path = '/sys/block/hdc'
storage.cdrom.dvdrw = true
storage.automount_enabled_hint = true
linux.sysfs_path_device = '/sys/block/hdc'
storage.cdrom.hddvd = false
org.freedesktop.Hal.Device.resmgr.method_execpaths = { 'hal-resmgr-grant', 'hal-resmgr-revoke' }

5: udi = '/org/freedesktop/Hal/devices/volume_uuid_f7f442a7_76f1_42c2_a421_cc28854f985b'
block.minor = 7 (0x7)
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 = '/mnt/hda7'
```

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```
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_WD_WMALC1054462'
info.parent = '/org/freedesktop/Hal/devices/storage_serial_WD_WMALC1054462'
volume.block_size = 512 (0x200)
volume.partition.number = 7 (0x7)
volume.num_blocks = 104390307 (0x638dea3)
volume.fsversion = '1.0'
block.device = '/dev/hda7'
volume.uuid = 'f7f442a7-76f1-42c2-a421-cc28854f985b'
volume.partition.label = ''
volume.partition.scheme = 'embr'
volume.partition.media_size = 120034123776ull (0x1bf2976000ull)
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 = 53447837184ull (0xc71bd4600ull)
info.udi = '/org/freedesktop/Hal/devices/volume_uuid_f7f442a7_76f1_42c2_a421_cc28854f985b'
volume.mount.valid_options = { 'ro', 'sync', 'dirsync', 'noatime', 'nodiratime', 'noexec', 'quiet', 'remount', 'exec',
'data=' }
org.freedesktop.Hal.Device.Volume.method_signatures = { 'ssas', 'as', 'as' }
block.major = 3 (0x3)
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 = 66583673856ull (0xf80b23c00ull)
linux.sysfs_path = '/sys/block/hda/hda7'
linux.sysfs_path_device = '/sys/block/hda/hda7'

6: udi = '/org/freedesktop/Hal/devices/volume_uuid_2ce6d065_a053_45c5_82ac_6e9ecb517452'
block.minor = 6 (0x6)
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)'
```

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```
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_WD_WMALC1054462'
info.parent = '/org/freedesktop/Hal/devices/storage_serial_WD_WMALC1054462'
volume.block_size = 512 (0x200)
volume.partition.number = 6 (0x6)
volume.num_blocks = 41945652 (0x2800a34)
volume.fsversion = '1.0'
block.device = '/dev/hda6'
volume.uuid = '2ce6d065-a053-45c5-82ac-6e9ecb517452'
volume.partition.label = ""
volume.partition.scheme = 'embr'
volume.partition.media_size = 120034123776ull (0x1bf2976000ull)
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 = 21476173824ull (0x500146800ull)
info.udi = '/org/freedesktop/Hal/devices/volume_uuid_2ce6d065_a053_45c5_82ac_6e9ecb517452'
volume.mount.valid_options = { 'ro', 'sync', 'dirsync', 'noatime', 'nodiratime', 'noexec', 'quiet', 'remount', 'exec',
'data=' }
org.freedesktop.Hal.Device.Volume.method_signatures = { 'ssas', 'as', 'as' }
block.major = 3 (0x3)
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 = 45107467776ull (0xa809d5600ull)
linux.sysfs_path = '/sys/block/hda/hda6'
linux.sysfs_path_device = '/sys/block/hda/hda6'

7: udi = '/org/freedesktop/Hal/devices/volume_part5_size_2154958848'
block.minor = 5 (0x5)
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'
```

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```
block.is_volume = true
volume.linux.is_device_mapper = false
block.storage_device = '/org/freedesktop/Hal/devices/storage_serial_WD_WMALC1054462'
info.parent = '/org/freedesktop/Hal/devices/storage_serial_WD_WMALC1054462'
volume.block_size = 512 (0x200)
volume.partition.number = 5 (0x5)
volume.num_blocks = 4208904 (0x403908)
volume.fsversion = '2'
block.device = '/dev/hda5'
volume.uuid = ""
volume.partition.label = ""
volume.partition.scheme = 'embr'
volume.partition.media_size = 120034123776ull (0x1bf2976000ull)
volume.partition.uuid = ""
volume.fsusage = 'other'
volume.is_mounted_read_only = false
storage.model = ""
volume.size = 2154958848ull (0x80721000ull)
info.udi = '/org/freedesktop/Hal/devices/volume_part5_size_2154958848'
block.major = 3 (0x3)
volume.fstype = 'swap'
linux.hotplug_type = 3 (0x3)
volume.partition.start = 42952476672ull (0xa002ac800ull)
linux.sysfs_path = '/sys/block/hda/hda5'
linux.sysfs_path_device = '/sys/block/hda/hda5'
```

```
8: udi = '/org/freedesktop/Hal/devices/volume_part2_size_1024'
block.minor = 2 (0x2)
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_WD_WMALC1054462'
info.parent = '/org/freedesktop/Hal/devices/storage_serial_WD_WMALC1054462'
volume.block_size = 512 (0x200)
volume.partition.number = 2 (0x2)
volume.num_blocks = 2 (0x2)
volume.fsversion = ""
block.device = '/dev/hda2'
volume.uuid = ""
volume.partition.label = ""
volume.partition.scheme = 'mbr'
```

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```
volume.partition.media_size = 120034123776ull (0x1bf2976000ull)
volume.partition.uuid = ""
volume.fsusage = 'partitiontable'
volume.is_mounted_read_only = false
storage.model = ""
volume.size = 1024ull (0x400ull)
info.udi = '/org/freedesktop/Hal/devices/volume_part2_size_1024'
block.major = 3 (0x3)
volume.fstype = ""
linux.hotplug_type = 3 (0x3)
volume.partition.start = 42952476160ull (0xa002ac600ull)
linux.sysfs_path = '/sys/block/hda/hda2'
linux.sysfs_path_device = '/sys/block/hda/hda2'

9: udi = '/org/freedesktop/Hal/devices/volume_uuid_669C5AA39C5A6D95'
block.minor = 1 (0x1)
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_WD_WMALC1054462'
info.parent = '/org/freedesktop/Hal/devices/storage_serial_WD_WMALC1054462'
volume.block_size = 512 (0x200)
volume.partition.number = 1 (0x1)
volume.num_blocks = 83891367 (0x50014a7)
volume.fsversion = '3.1'
block.device = '/dev/hda1'
volume.uuid = '669C5AA39C5A6D95'
volume.partition.label = ""
volume.partition.scheme = 'mbr'
volume.partition.media_size = 120034123776ull (0x1bf2976000ull)
volume.partition.uuid = ""
volume.fsusage = 'filesystem'
volume.is_mounted_read_only = true
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 = 42952379904ull (0xa00294e00ull)
info.udi = '/org/freedesktop/Hal/devices/volume_uuid_669C5AA39C5A6D95'
volume.mount.valid_options = { 'ro', 'sync', 'dirsync', 'noatime', 'nodiratime', 'noexec', 'quiet', 'remount', 'exec',
```

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```
'uid=', 'gid=', 'umask=' }  
org.freedesktop.Hal.Device.Volume.method_signatures = { 'ssas', 'as', 'as' }  
block.major = 3 (0x3)  
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/hda/hda1'  
linux.sysfs_path_device = '/sys/block/hda/hda1'
```

```
10: udi = '/org/freedesktop/Hal/devices/storage_serial_WD_WMALC1054462'  
storage.media_check_enabled = false  
storage.firmware_version = '15.05R15'  
storage.removable.media_available = true  
storage.size = 120034123776ull (0x1bf2976000ull)  
storage.hotpluggable = false  
block.storage_device = '/org/freedesktop/Hal/devices/storage_serial_WD_WMALC1054462'  
linux.sysfs_path_device = '/sys/block/hda'  
storage.bus = 'ide'  
block.major = 3 (0x3)  
block.is_volume = false  
storage.drive_type = 'disk'  
info.capabilities = { 'storage', 'block' }  
storage.removable.media_size = 120034123776ull (0x1bf2976000ull)  
info.udi = '/org/freedesktop/Hal/devices/storage_serial_WD_WMALC1054462'  
volume.ignore = true  
storage.no_partitions_hint = false  
linux.hotplug_type = 3 (0x3)  
storage.model = 'WDC WD1200AB-22DYA0'  
storage.serial = 'WD-WMALC1054462'  
info.product = 'WDC WD1200AB-22DYA0'  
storage.requires_eject = false  
linux.sysfs_path = '/sys/block/hda'  
storage.physical_device = '/org/freedesktop/Hal/devices/pci_1039_5513_ide_0_0'  
info.category = 'storage'  
storage.automount_enabled_hint = true  
storage.removable = false  
info.parent = '/org/freedesktop/Hal/devices/pci_1039_5513_ide_0_0'  
block.device = '/dev/hda'  
block.minor = 0 (0x0)  
storage.vendor = ''  
storage.partitioning_scheme = 'mbr'
```

```
11: udi = '/org/freedesktop/Hal/devices/platform_serial8250_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/platform_serial8250'  
info.capabilities = { 'serial' }
```

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```
info.udi = '/org/freedesktop/Hal/devices/platform_serial8250_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 = 'Platform Device (serial8250)'  
linux.hotplug_type = 2 (0x2)  
linux.sysfs_path = '/sys/devices/platform/serial8250/ttyS0'  
serial.type = 'platform'  
info.callouts.remove = { 'hal-resmgr' }  
info.category = 'serial'  
resmgr.class = 'modem'  
info.callouts.add = { 'hal-resmgr' }  
info.parent = '/org/freedesktop/Hal/devices/platform_serial8250'  
serial.port = 0 (0x0)  
org.freedesktop.Hal.Device.resmgr.method_argnames = { "", "" }
```

```
12: udi = '/org/freedesktop/Hal/devices/usb_device_a5c_2101_000272094B9C_if0_bluetooth_hci'  
bluetooth_hci.physical_device = '/org/freedesktop/Hal/devices/usb_device_a5c_2101_000272094B9C_if0'  
info.capabilities = { 'bluetooth_hci' }  
info.udi = '/org/freedesktop/Hal/devices/usb_device_a5c_2101_000272094B9C_if0_bluetooth_hci'  
linux.subsystem = 'bluetooth'  
info.product = 'Bluetooth Host Controller Interface'  
linux.hotplug_type = 2 (0x2)  
linux.sysfs_path = '/sys/devices/pci0000:00/0000:00:03.0/usb2/2-1/2-1:1.0/hci0'  
info.category = 'bluetooth_hci'  
bluetooth_hci.interface_name = 'hci0'  
info.parent = '/org/freedesktop/Hal/devices/usb_device_a5c_2101_000272094B9C_if0'
```

```
13: udi = '/org/freedesktop/Hal/devices/pci_14f1_8800_video4linux_1'  
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_14f1_8800_video4linux_1'  
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.callouts.remove = { 'hal-resmgr' }  
info.category = 'video4linux'  
resmgr.class = 'v4l'  
info.callouts.add = { 'hal-resmgr' }  
info.parent = '/org/freedesktop/Hal/devices/pci_14f1_8800'  
org.freedesktop.Hal.Device.resmgr.method_argnames = { "", "" }
```

```
14: udi = '/org/freedesktop/Hal/devices/pci_14f1_8800_video4linux_0'
```

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```
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_14f1_8800_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/vbi0'
info.callouts.remove = { 'hal-resmgr' }
info.category = 'video4linux'
resmgr.class = 'v4l'
info.callouts.add = { 'hal-resmgr' }
info.parent = '/org/freedesktop/Hal/devices/pci_14f1_8800'
org.freedesktop.Hal.Device.resmgr.method_argnames = { "", "" }
```

```
15: udi = '/org/freedesktop/Hal/devices/pci_14f1_8800_video4linux'
linux.device_file = '/dev/radio0'
org.freedesktop.Hal.Device.resmgr.method_execpaths = { 'hal-resmgr-grant', 'hal-resmgr-revoke' }
video4linux.device = '/dev/radio0'
info.capabilities = { 'video4linux' }
info.udi = '/org/freedesktop/Hal/devices/pci_14f1_8800_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/radio0'
info.callouts.remove = { 'hal-resmgr' }
info.category = 'video4linux'
resmgr.class = 'v4l'
info.callouts.add = { 'hal-resmgr' }
info.parent = '/org/freedesktop/Hal/devices/pci_14f1_8800'
org.freedesktop.Hal.Device.resmgr.method_argnames = { "", "" }
```

```
16: udi = '/org/freedesktop/Hal/devices/usb_device_46d_c219_noserial_usbraw'
linux.device_file = '/dev/bus/usb/004/002'
usbraw.device = '/dev/bus/usb/004/002'
info.capabilities = { 'usbraw' }
info.udi = '/org/freedesktop/Hal/devices/usb_device_46d_c219_noserial_usbraw'
linux.subsystem = 'usb_device'
info.product = 'USB Raw Device Access'
linux.hotplug_type = 2 (0x2)
linux.sysfs_path = '/sys/class/usb_device/usbdev4.2'
info.category = 'usbraw'
info.parent = '/org/freedesktop/Hal/devices/usb_device_46d_c219_noserial'
```

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17: udi = '/org/freedesktop/Hal/devices/usb_device_0_0_0000_00_03_2_usbraw'
linux.device_file = '/dev/bus/usb/004/001'
usbraw.device = '/dev/bus/usb/004/001'
info.capabilities = { 'usbraw' }
info.udi = '/org/freedesktop/Hal/devices/usb_device_0_0_0000_00_03_2_usbraw'
linux.subsystem = 'usb_device'
info.product = 'USB Raw Device Access'
linux.hotplug_type = 2 (0x2)
linux.sysfs_path = '/sys/class/usb_device/usbdev4.1'
info.category = 'usbraw'
info.parent = '/org/freedesktop/Hal/devices/usb_device_0_0_0000_00_03_2'

18: udi = '/org/freedesktop/Hal/devices/usb_device_0_0_0000_00_03_1_usbraw'
linux.device_file = '/dev/bus/usb/003/001'
usbraw.device = '/dev/bus/usb/003/001'
info.capabilities = { 'usbraw' }
info.udi = '/org/freedesktop/Hal/devices/usb_device_0_0_0000_00_03_1_usbraw'
linux.subsystem = 'usb_device'
info.product = 'USB Raw Device Access'
linux.hotplug_type = 2 (0x2)
linux.sysfs_path = '/sys/class/usb_device/usbdev3.1'
info.category = 'usbraw'
info.parent = '/org/freedesktop/Hal/devices/usb_device_0_0_0000_00_03_1'

19: udi = '/org/freedesktop/Hal/devices/usb_device_51d_2_3B0625X11236_usbraw'
linux.device_file = '/dev/bus/usb/002/003'
usbraw.device = '/dev/bus/usb/002/003'
info.capabilities = { 'usbraw' }
info.udi = '/org/freedesktop/Hal/devices/usb_device_51d_2_3B0625X11236_usbraw'
linux.subsystem = 'usb_device'
info.product = 'USB Raw Device Access'
linux.hotplug_type = 2 (0x2)
linux.sysfs_path = '/sys/class/usb_device/usbdev2.3'
info.category = 'usbraw'
info.parent = '/org/freedesktop/Hal/devices/usb_device_51d_2_3B0625X11236'

20: udi = '/org/freedesktop/Hal/devices/usb_device_a5c_2101_000272094B9C_usbraw'
linux.device_file = '/dev/bus/usb/002/002'
usbraw.device = '/dev/bus/usb/002/002'
info.capabilities = { 'usbraw' }
info.udi = '/org/freedesktop/Hal/devices/usb_device_a5c_2101_000272094B9C_usbraw'
linux.subsystem = 'usb_device'
info.product = 'USB Raw Device Access'
linux.hotplug_type = 2 (0x2)
linux.sysfs_path = '/sys/class/usb_device/usbdev2.2'
info.category = 'usbraw'
info.parent = '/org/freedesktop/Hal/devices/usb_device_a5c_2101_000272094B9C'

21: udi = '/org/freedesktop/Hal/devices/usb_device_0_0_0000_00_03_0_usbraw'
linux.device_file = '/dev/bus/usb/002/001'
usbraw.device = '/dev/bus/usb/002/001'

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```
info.capabilities = { 'usbraw' }
info.udi = '/org/freedesktop/Hal/devices/usb_device_0_0_0000_00_03_0_usbraw'
linux.subsystem = 'usb_device'
info.product = 'USB Raw Device Access'
linux.hotplug_type = 2 (0x2)
linux.sysfs_path = '/sys/class/usb_device/usbdev2.1'
info.category = 'usbraw'
info.parent = '/org/freedesktop/Hal/devices/usb_device_0_0_0000_00_03_0'
```

```
22: udi = '/org/freedesktop/Hal/devices/usb_device_0_0_0000_00_03_3_usbraw'
linux.device_file = '/dev/bus/usb/001/001'
usbraw.device = '/dev/bus/usb/001/001'
info.capabilities = { 'usbraw' }
info.udi = '/org/freedesktop/Hal/devices/usb_device_0_0_0000_00_03_3_usbraw'
linux.subsystem = 'usb_device'
info.product = 'USB Raw Device Access'
linux.hotplug_type = 2 (0x2)
linux.sysfs_path = '/sys/class/usb_device/usbdev1.1'
info.category = 'usbraw'
info.parent = '/org/freedesktop/Hal/devices/usb_device_0_0_0000_00_03_3'
```

```
23: udi = '/org/freedesktop/Hal/devices/usb_device_ffffffff_ffffffff_noserial'
linux.device_file = '/dev/hiddev0'
linux.sysfs_path_device = '/sys/class/usb/hiddev0'
info.bus = 'usb_device'
usb_device.can_wake_up = false
usb_device.bus_number = 0 (0x0)
usb_device.vendor = 'Unknown (0xffffffff)'
usb_device.product = 'Unknown (0xffffffff)'
info.udi = '/org/freedesktop/Hal/devices/usb_device_ffffffff_ffffffff_noserial'
linux.subsystem = 'usb'
info.vendor = 'Unknown (0xffffffff)'
info.product = 'Unknown (0xffffffff)'
linux.hotplug_type = 2 (0x2)
linux.sysfs_path = '/sys/class/usb/hiddev0'
usb_device.is_self_powered = false
usb_device.linux.sysfs_path = '/sys/class/usb/hiddev0'
info.parent = '/org/freedesktop/Hal/devices/usb_device_51d_2_3B0625X11236_if0'
```

```
24: 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' }
```

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```
info.product = 'ALSA Timer Device'
linux.hotplug_type = 2 (0x2)
linux.sysfs_path = '/sys/class/sound/timer'
info.callouts.remove = { 'hal-resmgr' }
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 = { "", "" }

25: 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/class/sound/seq'
info.callouts.remove = { 'hal-resmgr' }
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 = { "", "" }

26: udi = '/org/freedesktop/Hal/devices/pci_1039_7012_alsa_capture_1'
alsa.card_id = 'SI7012'
linux.device_file = '/dev/snd/pcmC0D1c'
org.freedesktop.Hal.Device.resmgr.method_execpaths = { 'hal-resmgr-grant', 'hal-resmgr-revoke' }
alsa.device_file = '/dev/snd/pcmC0D1c'
info.capabilities = { 'alsa' }
alsa.type = 'capture'
info.udi = '/org/freedesktop/Hal/devices/pci_1039_7012_alsa_capture_1'
alsa.physical_device = '/org/freedesktop/Hal/devices/pci_1039_7012'
alsa.pcm_class = 'unknown'
alsa.device_id = 'SiS SI7012 - MIC ADC'
linux.subsystem = 'sound'
org.freedesktop.Hal.Device.resmgr.method_signatures = { "", "" }
alsa.card = 0 (0x0)
resmgr.device = '/dev/snd/pcmC0D1c'
info.interfaces = { 'org.freedesktop.Hal.Device.resmgr' }
org.freedesktop.Hal.Device.resmgr.method_names = { 'Grant', 'Revoke' }
info.product = 'SiS SI7012 - MIC ADC ALSA Capture Device'
linux.hotplug_type = 2 (0x2)
```

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```
linux.sysfs_path = '/sys/class/sound/pcmC0D1c'  
info.callouts.remove = { 'hal-resmgr' }  
info.category = 'alsa'  
alsa.device = 1 (0x1)  
resmgr.class = 'sound'  
info.callouts.add = { 'hal-resmgr' }  
info.parent = '/org/freedesktop/Hal/devices/pci_1039_7012'  
org.freedesktop.Hal.Device.resmgr.method_argnames = { "", "" }  
  
27: udi = '/org/freedesktop/Hal/devices/pci_1039_7012_alsa_playback_0'  
alsa.card_id = 'SI7012'  
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_1039_7012_alsa_playback_0'  
alsa.physical_device = '/org/freedesktop/Hal/devices/pci_1039_7012'  
alsa.pcm_class = 'unknown'  
alsa.device_id = 'SiS SI7012'  
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' }  
info.product = 'SiS SI7012 ALSA Playback Device'  
linux.hotplug_type = 2 (0x2)  
linux.sysfs_path = '/sys/class/sound/pcmC0D0p'  
info.callouts.remove = { 'hal-resmgr' }  
info.category = 'alsa'  
alsa.device = 0 (0x0)  
resmgr.class = 'sound'  
info.callouts.add = { 'hal-resmgr' }  
info.parent = '/org/freedesktop/Hal/devices/pci_1039_7012'  
org.freedesktop.Hal.Device.resmgr.method_argnames = { "", "" }  
  
28: udi = '/org/freedesktop/Hal/devices/pci_1039_7012_alsa_capture_0'  
alsa.card_id = 'SI7012'  
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_1039_7012_alsa_capture_0'  
alsa.physical_device = '/org/freedesktop/Hal/devices/pci_1039_7012'  
alsa.pcm_class = 'unknown'  
alsa.device_id = 'SiS SI7012'  
linux.subsystem = 'sound'  
org.freedesktop.Hal.Device.resmgr.method_signatures = { "", "" }  
alsa.card = 0 (0x0)
```

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```
resmgr.device = '/dev/snd/pcmC0D0c'  
info.interfaces = { 'org.freedesktop.Hal.Device.resmgr' }  
org.freedesktop.Hal.Device.resmgr.method_names = { 'Grant', 'Revoke' }  
info.product = 'SiS SI7012 ALSA Capture Device'  
linux.hotplug_type = 2 (0x2)  
linux.sysfs_path = '/sys/class/sound/pcmC0D0c'  
info.callouts.remove = { 'hal-resmgr' }  
info.category = 'alsa'  
alsa.device = 0 (0x0)  
resmgr.class = 'sound'  
info.callouts.add = { 'hal-resmgr' }  
info.parent = '/org/freedesktop/Hal/devices/pci_1039_7012'  
org.freedesktop.Hal.Device.resmgr.method_argnames = { "", "" }
```

```
29: udi = '/org/freedesktop/Hal/devices/pci_1039_7012_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_1039_7012_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 = 'SiS SI7012 OSS Control Device'  
linux.hotplug_type = 2 (0x2)  
linux.sysfs_path = '/sys/class/sound/mixer'  
oss.physical_device = '/org/freedesktop/Hal/devices/pci_1039_7012'  
oss.card_id = 'SI7012'  
info.callouts.remove = { 'hal-resmgr' }  
info.category = 'oss'  
oss.device_id = 'SiS SI7012'  
resmgr.class = 'sound'  
info.callouts.add = { 'hal-resmgr' }  
info.parent = '/org/freedesktop/Hal/devices/pci_1039_7012'  
org.freedesktop.Hal.Device.resmgr.method_argnames = { "", "" }
```

```
30: udi = '/org/freedesktop/Hal/devices/pci_1039_7012_oss_pcm_0_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_1039_7012_oss_pcm_0_0'  
linux.subsystem = 'sound'  
org.freedesktop.Hal.Device.resmgr.method_signatures = { "", "" }  
oss.device = 0 (0x0)
```

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```
resmgr.device = '/dev/dsp'  
info.interfaces = { 'org.freedesktop.Hal.Device.resmgr' }  
org.freedesktop.Hal.Device.resmgr.method_names = { 'Grant', 'Revoke' }  
info.product = 'SiS SI7012 OSS PCM Device'  
linux.hotplug_type = 2 (0x2)  
linux.sysfs_path = '/sys/class/sound/dsp'  
oss.physical_device = '/org/freedesktop/Hal/devices/pci_1039_7012'  
oss.card_id = 'SI7012'  
info.callouts.remove = { 'hal-resmgr' }  
info.category = 'oss'  
oss.device_id = 'SiS SI7012'  
resmgr.class = 'sound'  
info.callouts.add = { 'hal-resmgr' }  
info.parent = '/org/freedesktop/Hal/devices/pci_1039_7012'  
org.freedesktop.Hal.Device.resmgr.method_argnames = { "", "" }
```

```
31: udi = '/org/freedesktop/Hal/devices/pci_1039_7012_alsa_control__1'  
alsa.card_id = 'SI7012'  
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_1039_7012_alsa_control__1'  
alsa.physical_device = '/org/freedesktop/Hal/devices/pci_1039_7012'  
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' }  
info.product = 'SI7012 ALSA Control Device'  
linux.hotplug_type = 2 (0x2)  
linux.sysfs_path = '/sys/class/sound/controlC0'  
info.callouts.remove = { 'hal-resmgr' }  
info.category = 'alsa'  
resmgr.class = 'sound'  
info.callouts.add = { 'hal-resmgr' }  
info.parent = '/org/freedesktop/Hal/devices/pci_1039_7012'  
org.freedesktop.Hal.Device.resmgr.method_argnames = { "", "" }
```

```
32: udi = '/org/freedesktop/Hal/devices/pci_1039_7012_oss_pcm_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_1039_7012_oss_pcm_0'  
linux.subsystem = 'sound'  
org.freedesktop.Hal.Device.resmgr.method_signatures = { "", "" }
```

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```
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 = 'SiS SI7012 OSS PCM Device'
linux.hotplug_type = 2 (0x2)
linux.sysfs_path = '/sys/class/sound/audio'
oss.physical_device = '/org/freedesktop/Hal/devices/pci_1039_7012'
oss.card_id = 'SI7012'
info.callouts.remove = { 'hal-resmgr' }
info.category = 'oss'
oss.device_id = 'SiS SI7012'
resmgr.class = 'sound'
info.callouts.add = { 'hal-resmgr' }
info.parent = '/org/freedesktop/Hal/devices/pci_1039_7012'
org.freedesktop.Hal.Device.resmgr.method_argnames = { "", "" }

33: udi = '/org/freedesktop/Hal/devices/pci_1039_7012_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_1039_7012_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 = 'SiS SI7012 OSS PCM Device'
linux.hotplug_type = 2 (0x2)
linux.sysfs_path = '/sys/class/sound/adsp'
oss.physical_device = '/org/freedesktop/Hal/devices/pci_1039_7012'
oss.card_id = 'SI7012'
info.callouts.remove = { 'hal-resmgr' }
info.category = 'oss'
oss.device_id = 'SiS SI7012'
resmgr.class = 'sound'
info.callouts.add = { 'hal-resmgr' }
info.parent = '/org/freedesktop/Hal/devices/pci_1039_7012'
org.freedesktop.Hal.Device.resmgr.method_argnames = { "", "" }

34: udi = '/org/freedesktop/Hal/devices/pci_1039_180_scsi_host_scsi_host'
scsi_host.host = 1 (0x1)
linux.sysfs_path_device = '/sys/devices/pci0000:00/0000:00:05.0'
info.capabilities = { 'scsi_host' }
info.udi = '/org/freedesktop/Hal/devices/pci_1039_180_scsi_host_scsi_host'
linux.subsystem = 'scsi_host'
info.product = 'SCSI Host Adapter'
```

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```
linux.hotplug_type = 2 (0x2)
linux.sysfs_path = '/sys/class/scsi_host/host1'
info.category = 'scsi_host'
info.parent = '/org/freedesktop/Hal/devices/pci_1039_180_scsi_host'
```

```
35: udi = '/org/freedesktop/Hal/devices/pci_1039_180_scsi_host'
scsi_host.host = 0 (0x0)
linux.sysfs_path_device = '/sys/devices/pci0000:00/0000:00:05.0'
info.capabilities = { 'scsi_host' }
info.udi = '/org/freedesktop/Hal/devices/pci_1039_180_scsi_host'
linux.subsystem = 'scsi_host'
info.product = 'SCSI Host Adapter'
linux.hotplug_type = 2 (0x2)
linux.sysfs_path = '/sys/class/scsi_host/host0'
info.category = 'scsi_host'
info.parent = '/org/freedesktop/Hal/devices/pci_1039_180'
info.linux.driver = 'sata_sis'
```

```
36: udi = '/org/freedesktop/Hal/devices/pci_1039_180_scsi_device_lun0_scsi_generic'
linux.device_file = '/dev/sg0'
info.capabilities = { 'scsi_generic' }
info.udi = '/org/freedesktop/Hal/devices/pci_1039_180_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_1039_180_scsi_device_lun0'
```

```
37: udi = '/org/freedesktop/Hal/devices/net_00_11_95_c3_2e_d0_0'
net.arp_proto_hw_id = 801 (0x321)
net.physical_device = '/org/freedesktop/Hal/devices/pci_168c_1a'
net.address = '00:11:95:c3:2e:d0'
info.capabilities = { 'net', 'net.80211control' }
info.udi = '/org/freedesktop/Hal/devices/net_00_11_95_c3_2e_d0_0'
linux.subsystem = 'net'
net.linux.ifindex = 3 (0x3)
info.product = 'Networking Wireless Control Interface'
linux.hotplug_type = 2 (0x2)
linux.sysfs_path = '/sys/class/net/wifi0'
info.category = 'net.80211control'
info.parent = '/org/freedesktop/Hal/devices/pci_168c_1a'
net.interface = 'wifi0'
```

```
38: udi = '/org/freedesktop/Hal/devices/net_00_16_ec_24_46_a2'
net.arp_proto_hw_id = 1 (0x1)
net.80203.mac_address = 98451080866ull (0x16ec2446a2ull)
net.physical_device = '/org/freedesktop/Hal/devices/pci_1039_900'
net.address = '00:16:ec:24:46:a2'
info.capabilities = { 'net', 'net.80203' }
```

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```
info.udi = '/org/freedesktop/Hal/devices/net_00_16_ec_24_46_a2'  
linux.subsystem = 'net'  
net.linux.ifindex = 2 (0x2)  
info.product = 'Networking Interface'  
linux.hotplug_type = 2 (0x2)  
linux.sysfs_path = '/sys/class/net/eth0'  
info.category = 'net.80203'  
info.parent = '/org/freedesktop/Hal/devices/pci_1039_900'  
net.interface = 'eth0'
```

```
39: udi = '/org/freedesktop/Hal/devices/net_00_11_95_c3_2e_d0'  
net.arp_proto_hw_id = 1 (0x1)  
net.physical_device = '/org/freedesktop/Hal/devices/pci_168c_1a'  
net.address = '00:11:95:c3:2e:d0'  
info.capabilities = { 'net', 'net.80211' }  
net.80211.mac_address = 75527040720ull (0x1195c32ed0ull)  
info.udi = '/org/freedesktop/Hal/devices/net_00_11_95_c3_2e_d0'  
linux.subsystem = 'net'  
net.linux.ifindex = 4 (0x4)  
info.product = 'WLAN Interface'  
linux.hotplug_type = 2 (0x2)  
linux.sysfs_path = '/sys/class/net/ath0'  
info.category = 'net.80211'  
info.parent = '/org/freedesktop/Hal/devices/pci_168c_1a'  
net.interface = 'ath0'
```

```
40: udi = '/org/freedesktop/Hal/devices/usb_device_46d_c219_noserial_if0_logicaldev_input'  
linux.device_file = '/dev/input/event4'  
org.freedesktop.Hal.Device.resmgr.method_execpaths = { 'hal-resmgr-grant', 'hal-resmgr-revoke' }  
input.product = 'Logitech Logitech Cordless RumblePad 2'  
info.capabilities = { 'input', 'input.joystick' }  
info.udi = '/org/freedesktop/Hal/devices/usb_device_46d_c219_noserial_if0_logicaldev_input'  
linux.subsystem = 'input'  
org.freedesktop.Hal.Device.resmgr.method_signatures = { "", "" }  
resmgr.device = '/dev/input/event4'  
info.interfaces = { 'org.freedesktop.Hal.Device.resmgr' }  
org.freedesktop.Hal.Device.resmgr.method_names = { 'Grant', 'Revoke' }  
linux.hotplug_type = 2 (0x2)  
info.product = 'Logitech Logitech Cordless RumblePad 2'  
linux.sysfs_path = '/sys/class/input/input4/event4'  
info.callouts.remove = { 'hal-resmgr' }  
info.category = 'input'  
input.physical_device = '/org/freedesktop/Hal/devices/usb_device_46d_c219_noserial_if0'  
input.device = '/dev/input/event4'  
resmgr.class = 'input'  
info.callouts.add = { 'hal-resmgr' }  
info.parent = '/org/freedesktop/Hal/devices/usb_device_46d_c219_noserial_if0'  
org.freedesktop.Hal.Device.resmgr.method_argnames = { "", "" }
```

```
41: udi = '/org/freedesktop/Hal/devices/pci_14f1_8800_logicaldev_input'  
linux.device_file = '/dev/input/event3'
```

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```
button.has_state = false
input.product = 'cx88 IR (Leadtek Winfast 2000XP'
info.capabilities = { 'input', 'input.keyboard', 'button' }
info.udi = '/org/freedesktop/Hal/devices/pci_14f1_8800_logicaldev_input'
linux.subsystem = 'input'
linux.hotplug_type = 2 (0x2)
info.product = 'cx88 IR (Leadtek Winfast 2000XP'
linux.sysfs_path = '/sys/class/input/input3/event3'
info.addons = { 'hald-addon-keyboard' }
button.type = ""
info.category = 'input'
input.physical_device = '/org/freedesktop/Hal/devices/pci_14f1_8800'
input.device = '/dev/input/event3'
info.parent = '/org/freedesktop/Hal/devices/pci_14f1_8800'
```

```
42: 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 Logitech 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 = { "", "" }
resmgr.device = '/dev/input/event2'
info.interfaces = { 'org.freedesktop.Hal.Device.resmgr' }
org.freedesktop.Hal.Device.resmgr.method_names = { 'Grant', 'Revoke' }
linux.hotplug_type = 2 (0x2)
info.product = 'ImExPS/2 Logitech Explorer Mouse'
linux.sysfs_path = '/sys/class/input/input2/event2'
info.callouts.remove = { 'hal-resmgr' }
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 = { "", "" }
```

```
43: udi = '/org/freedesktop/Hal/devices/platform_i8042_i8042_Kbd_Port_logicaldev_input'
linux.device_file = '/dev/input/event1'
button.has_state = false
input.product = 'AT Translated Set 2 keyboard'
info.capabilities = { 'input', 'input.keyboard', 'button' }
info.udi = '/org/freedesktop/Hal/devices/platform_i8042_i8042_Kbd_Port_logicaldev_input'
linux.subsystem = 'input'
linux.hotplug_type = 2 (0x2)
info.product = 'AT Translated Set 2 keyboard'
linux.sysfs_path = '/sys/class/input/input1/event1'
info.addons = { 'hald-addon-keyboard' }
button.type = ""
info.category = 'input'
```

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```
input.physical_device = '/org/freedesktop/Hal/devices/platform_i8042_i8042_Kbd_Port'  
input.device = '/dev/input/event1'  
info.parent = '/org/freedesktop/Hal/devices/platform_i8042_i8042_Kbd_Port'
```

```
44: udi = '/org/freedesktop/Hal/devices/platform_pcsprk_logicaldev_input'  
linux.device_file = '/dev/input/event0'  
input.product = 'PC Speaker'  
info.capabilities = { 'input' }  
info.udi = '/org/freedesktop/Hal/devices/platform_pcsprk_logicaldev_input'  
linux.subsystem = 'input'  
linux.hotplug_type = 2 (0x2)  
info.product = 'PC Speaker'  
linux.sysfs_path = '/sys/class/input/input0/event0'  
info.category = 'input'  
input.physical_device = '/org/freedesktop/Hal/devices/platform_pcsprk'  
input.device = '/dev/input/event0'  
info.parent = '/org/freedesktop/Hal/devices/platform_pcsprk'
```

```
45: udi = '/org/freedesktop/Hal/devices/platform-vesafb_0'  
platform.id = 'vesafb.0'  
linux.sysfs_path_device = '/sys/devices/platform/vesafb.0'  
info.bus = 'platform'  
info.udi = '/org/freedesktop/Hal/devices/platform-vesafb_0'  
linux.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'
```

```
46: udi = '/org/freedesktop/Hal/devices/platform_serial8250'  
platform.id = 'serial8250'  
linux.sysfs_path_device = '/sys/devices/platform/serial8250'  
info.bus = 'platform'  
info.udi = '/org/freedesktop/Hal/devices/platform_serial8250'  
linux.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'
```

```
47: udi = '/org/freedesktop/Hal/devices/platform_pcsprk'  
platform.id = 'pcsprk'  
linux.sysfs_path_device = '/sys/devices/platform/pcsprk'  
info.bus = 'platform'  
info.udi = '/org/freedesktop/Hal/devices/platform_pcsprk'  
linux.subsystem = 'platform'  
info.product = 'Platform Device (pcsprk)'  
linux.hotplug_type = 2 (0x2)  
linux.sysfs_path = '/sys/devices/platform/pcsprk'
```

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```
info.parent = '/org/freedesktop/Hal/devices/computer'  
info.linux.driver = 'pcspkr'
```

```
48: udi = '/org/freedesktop/Hal/devices/platform_i8042_i8042_Kbd_Port'  
linux.sysfs_path_device = '/sys/devices/platform/i8042/serio1'  
info.bus = 'serio'  
info.udi = '/org/freedesktop/Hal/devices/platform_i8042_i8042_Kbd_Port'  
linux.subsystem = 'serio'  
info.product = 'i8042 Kbd Port'  
linux.hotplug_type = 2 (0x2)  
linux.sysfs_path = '/sys/devices/platform/i8042/serio1'  
serio.description = 'i8042 Kbd Port'  
info.parent = '/org/freedesktop/Hal/devices/platform_i8042'  
info.linux.driver = 'atkbd'  
serio.id = 'serio1'
```

```
49: udi = '/org/freedesktop/Hal/devices/platform_i8042_i8042_Aux_Port'  
linux.sysfs_path_device = '/sys/devices/platform/i8042/serio0'  
info.bus = 'serio'  
info.udi = '/org/freedesktop/Hal/devices/platform_i8042_i8042_Aux_Port'  
linux.subsystem = 'serio'  
info.product = 'i8042 Aux Port'  
linux.hotplug_type = 2 (0x2)  
linux.sysfs_path = '/sys/devices/platform/i8042/serio0'  
serio.description = 'i8042 Aux Port'  
info.parent = '/org/freedesktop/Hal/devices/platform_i8042'  
info.linux.driver = 'psmouse'  
serio.id = 'serio0'
```

```
50: udi = '/org/freedesktop/Hal/devices/platform_i8042'  
platform.id = 'i8042'  
linux.sysfs_path_device = '/sys/devices/platform/i8042'  
info.bus = 'platform'  
info.udi = '/org/freedesktop/Hal/devices/platform_i8042'  
linux.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'
```

```
51: udi = '/org/freedesktop/Hal/devices/platform_bluetooth'  
platform.id = 'bluetooth'  
linux.sysfs_path_device = '/sys/devices/platform/bluetooth'  
info.bus = 'platform'  
info.udi = '/org/freedesktop/Hal/devices/platform_bluetooth'  
linux.subsystem = 'platform'  
info.product = 'Platform Device (bluetooth)'  
linux.hotplug_type = 2 (0x2)  
linux.sysfs_path = '/sys/devices/platform/bluetooth'  
info.parent = '/org/freedesktop/Hal/devices/computer'
```

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```
52: udi = '/org/freedesktop/Hal/devices/pci_1022_1103'  
pci.product = 'K8 [Athlon64/Opteron] Miscellaneous Control'  
pci.subsys_vendor = 'Unknown (0x0000)'  
linux.sysfs_path_device = '/sys/devices/pci0000:00/0000:00:18.3'  
info.bus = 'pci'  
pci.device_protocol = 0 (0x0)  
info.udi = '/org/freedesktop/Hal/devices/pci_1022_1103'  
pci.linux.sysfs_path = '/sys/devices/pci0000:00/0000:00:18.3'  
pci.subsys_product_id = 0 (0x0)  
linux.subsystem = 'pci'  
info.vendor = 'Advanced Micro Devices [AMD]'  
pci.product_id = 4355 (0x1103)  
pci.vendor = 'Advanced Micro Devices [AMD]'  
info.product = 'K8 [Athlon64/Opteron] Miscellaneous Control'  
pci.subsys_product = 'Unknown (0x0000)'  
linux.hotplug_type = 2 (0x2)  
linux.sysfs_path = '/sys/devices/pci0000:00/0000:00:18.3'  
pci.vendor_id = 4130 (0x1022)  
info.parent = '/org/freedesktop/Hal/devices/computer'  
pci.subsys_vendor_id = 0 (0x0)  
pci.device_class = 6 (0x6)  
pci.device_subclass = 0 (0x0)
```

```
53: udi = '/org/freedesktop/Hal/devices/pci_1022_1102'  
pci.product = 'K8 [Athlon64/Opteron] DRAM Controller'  
pci.subsys_vendor = 'Unknown (0x0000)'  
linux.sysfs_path_device = '/sys/devices/pci0000:00/0000:00:18.2'  
info.bus = 'pci'  
pci.device_protocol = 0 (0x0)  
info.udi = '/org/freedesktop/Hal/devices/pci_1022_1102'  
pci.linux.sysfs_path = '/sys/devices/pci0000:00/0000:00:18.2'  
pci.subsys_product_id = 0 (0x0)  
linux.subsystem = 'pci'  
info.vendor = 'Advanced Micro Devices [AMD]'  
pci.product_id = 4354 (0x1102)  
pci.vendor = 'Advanced Micro Devices [AMD]'  
info.product = 'K8 [Athlon64/Opteron] DRAM Controller'  
pci.subsys_product = 'Unknown (0x0000)'  
linux.hotplug_type = 2 (0x2)  
linux.sysfs_path = '/sys/devices/pci0000:00/0000:00:18.2'  
pci.vendor_id = 4130 (0x1022)  
info.parent = '/org/freedesktop/Hal/devices/computer'  
pci.subsys_vendor_id = 0 (0x0)  
pci.device_class = 6 (0x6)  
pci.device_subclass = 0 (0x0)
```

```
54: udi = '/org/freedesktop/Hal/devices/pci_1022_1101'  
pci.product = 'K8 [Athlon64/Opteron] Address Map'  
pci.subsys_vendor = 'Unknown (0x0000)'  
linux.sysfs_path_device = '/sys/devices/pci0000:00/0000:00:18.1'
```

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```
info.bus = 'pci'
pci.device_protocol = 0 (0x0)
info.udi = '/org/freedesktop/Hal/devices/pci_1022_1101'
pci.linux.sysfs_path = '/sys/devices/pci0000:00/0000:00:18.1'
pci.subsys_product_id = 0 (0x0)
linux.subsystem = 'pci'
info.vendor = 'Advanced Micro Devices [AMD]'
pci.product_id = 4353 (0x1101)
pci.vendor = 'Advanced Micro Devices [AMD]'
info.product = 'K8 [Athlon64/Opteron] Address Map'
pci.subsys_product = 'Unknown (0x0000)'
linux.hotplug_type = 2 (0x2)
linux.sysfs_path = '/sys/devices/pci0000:00/0000:00:18.1'
pci.vendor_id = 4130 (0x1022)
info.parent = '/org/freedesktop/Hal/devices/computer'
pci.subsys_vendor_id = 0 (0x0)
pci.device_class = 6 (0x6)
pci.device_subclass = 0 (0x0)

55: udi = '/org/freedesktop/Hal/devices/pci_1022_1100'
pci.product = 'K8 [Athlon64/Opteron] HyperTransport Technology Configuration'
pci.subsys_vendor = 'Unknown (0x0000)'
linux.sysfs_path_device = '/sys/devices/pci0000:00/0000:00:18.0'
info.bus = 'pci'
pci_usb_device.max_power = 100 (0x64)
linux.subsystem = 'usb'
usb_device.device_protocol = 0 (0x0)
info.vendor = 'Logitech, Inc.'
usb_device.num_configurations = 1 (0x1)
info.product = 'Logitech Cordless RumblePad 2'
linux.hotplug_type = 2 (0x2)
linux.sysfs_path = '/sys/devices/pci0000:00/0000:00:03.2/usb4/4-1'
usb_device.vendor_id = 1133 (0x46d)
usb_device.num_ports = 0 (0x0)
usb_device.is_self_powered = false
usb_device.linux.sysfs_path = '/sys/devices/pci0000:00/0000:00:03.2/usb4/4-1'
usb_device.product_id = 49689 (0xc219)
info.parent = '/org/freedesktop/Hal/devices/usb_device_0_0_0000_00_03_2'
info.linux.driver = 'usb'
usb_device.linux.device_number = 2 (0x2)

66: udi = '/org/freedesktop/Hal/devices/usb_device_0_0_0000_00_03_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 = 4 (0x4)
```

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```
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_03_2'
usb.interface.subclass = 0 (0x0)
usb.num_configurations = 1 (0x1)
usb.device_subclass = 0 (0x0)
usb.vendor_id = 0 (0x0)
usb.vendor = 'Linux 2.6.18.8-0.5-default ohci_hcd'
usb.device_class = 9 (0x9)
usb.can_wake_up = true
usb.linux.sysfs_path = '/sys/devices/pci0000:00/0000:00:03.2/usb4/4-0:1.0'
usb.serial = '0000:00:03.2'
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_03_2_if0'
info.bus = 'usb'
linux.hotplug_type = 2 (0x2)
usb.interface.number = 0 (0x0)
linux.sysfs_path = '/sys/devices/pci0000:00/0000:00:03.2/usb4/4-0:1.0'
usb.product_id = 0 (0x0)
usb.interface.protocol = 0 (0x0)
linux.sysfs_path_device = '/sys/devices/pci0000:00/0000:00:03.2/usb4/4-0:1.0'
```

```
67: udi = '/org/freedesktop/Hal/devices/usb_device_0_0_0000_00_03_2'
usb_device.num_interfaces = 1 (0x1)
usb_device.device_class = 9 (0x9)
usb_device.device_revision_bcd = 518 (0x206)
usb_device.version_bcd = 272 (0x110)
linux.sysfs_path_device = '/sys/devices/pci0000:00/0000:00:03.2/usb4'
info.bus = 'usb_device'
usb_device.device_subclass = 0 (0x0)
usb_device.speed_bcd = 4608 (0x1200)
usb_device.can_wake_up = true
usb_device.bus_number = 4 (0x4)
usb_device.configuration_value = 1 (0x1)
usb_device.vendor = 'Linux 2.6.18.8-0.5-default ohci_hcd'
usb_device.product = 'OHCI Host Controller'
info.udi = '/org/freedesktop/Hal/devices/usb_device_0_0_0000_00_03_2'
usb_device.max_power = 0 (0x0)
linux.subsystem = 'usb'
usb_device.device_protocol = 0 (0x0)
info.vendor = 'Linux 2.6.18.8-0.5-default ohci_hcd'
usb_device.num_configurations = 1 (0x1)
info.product = 'OHCI Host Controller'
linux.hotplug_type = 2 (0x2)
linux.sysfs_path = '/sys/devices/pci0000:00/0000:00:03.2/usb4'
usb_device.vendor_id = 0 (0x0)
usb_device.num_ports = 2 (0x2)
```

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```
usb_device.is_self_powered = true
usb_device.linux.sysfs_path = '/sys/devices/pci0000:00/0000:00:03.2/usb4'
usb_device.product_id = 0 (0x0)
info.parent = '/org/freedesktop/Hal/devices/pci_1039_7001_1'
info.linux.driver = 'usb'
usb_device.linux.device_number = 1 (0x1)
usb_device.serial = '0000:00:03.2'
```

```
68: udi = '/org/freedesktop/Hal/devices/pci_1039_7001_1'
pci.product = 'USB 1.0 Controller'
pci.subsys_vendor = 'Silicon Integrated Systems [SiS]'
linux.sysfs_path_device = '/sys/devices/pci0000:00/0000:00:03.2'
info.bus = 'pci'
pci.devic
```