

## Re: Linux 2.6.21-rc6

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*Source:* <http://linux.derkeiler.com/Mailing-Lists/Kernel/2007-04/msg05327.html>

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- *From:* Tobias Diedrich <[ranma+kernel@xxxxxxxxxxxxx](mailto:ranma+kernel@xxxxxxxxxxxxx)>
  - *Date:* Sun, 15 Apr 2007 20:50:00 +0200
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Rafael J. Wysocki wrote:

On Sunday, 15 April 2007 16:19, Dmitry Torokhov wrote:

On Sunday 15 April 2007 07:16, Rafael J. Wysocki wrote:

On Sunday, 15 April 2007 10:02, Tobias Diedrich wrote:

With  
CONFIG\_PM\_DEBUG=y  
and  
CONFIG\_DISABLE\_CONSOLE\_SUSPEND=y  
I see  
that the second suspend  
hangs at "i8042 i8042:  
EARLY resume".  
This is kinda interesting  
because I'm normally using  
a USB keyboard  
and sure enough, if I hook  
up a normal keyboard and  
disable USB  
legacy support in the BIOS,  
then suspend to disk works  
multiple  
times. I'd still rather like to  
use my USB keyboard  
though. ;)

Well, I think that when you're using the USB keyboard and  
the USB legacy  
support, the i8042 driver thinks it has a keyboard to handle  
and tries to  
handle it during the suspend, which fails. I don't know why it  
fails during  
the second suspend, though.

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Dmitry, could you please have a look?

This is wierd as i8042 does not use suspend\_late/resume\_early hooks and so it is impossible for it to hang there. None of input drivers use these hooks. Could it be that some other driver \_after\_ i8042 hangs?

Yes.

Tobias, can you please post the dmesg output from after a successful suspend/resume cycle with CONFIG\_PM\_DEBUG=y in the 'platform' mode?

Here you go:

```
[ 0.000000] Linux version 2.6.21-rc6 (ranma@melchior) (gcc version 4.1.2 20061115 (prerelease) (Debian
4.1.1-21)) #16 PREEMPT Sun Apr 15 09:39:32 CEST 2007
[ 0.000000] Command line: root=/dev/sda5 resume=/dev/sda6 vga=6 apic=verbose ro
[ 0.000000] BIOS-provided physical RAM map:
[ 0.000000] BIOS-e820: 0000000000000000 - 000000000009f800 (usable)
[ 0.000000] BIOS-e820: 000000000009f800 - 00000000000a0000 (reserved)
[ 0.000000] BIOS-e820: 00000000000f0000 - 0000000000100000 (reserved)
[ 0.000000] BIOS-e820: 0000000000100000 - 00000000003fee0000 (usable)
[ 0.000000] BIOS-e820: 00000000003fee0000 - 00000000003fee3000 (ACPI NVS)
[ 0.000000] BIOS-e820: 00000000003fee3000 - 00000000003fef0000 (ACPI data)
[ 0.000000] BIOS-e820: 00000000003fef0000 - 00000000003ff00000 (reserved)
[ 0.000000] BIOS-e820: 00000000f0000000 - 00000000f4000000 (reserved)
[ 0.000000] BIOS-e820: 00000000fec00000 - 0000000100000000 (reserved)
[ 0.000000] Entering add_active_range(0, 0, 159) 0 entries of 256 used
[ 0.000000] Entering add_active_range(0, 256, 261856) 1 entries of 256 used
[ 0.000000] end_pfn_map = 1048576
[ 0.000000] DMI 2.4 present.
[ 0.000000] ACPI: RSDP 000F7B80, 0024 (r2 Nvidia)
[ 0.000000] ACPI: XSDT 3FEE30C0, 004C (r1 Nvidia ASUSACPI 42302E31 AWRD 0)
[ 0.000000] ACPI: FACP 3FEEC540, 00F4 (r3 Nvidia ASUSACPI 42302E31 AWRD 0)
[ 0.000000] ACPI: DSDT 3FEE3240, 92AD (r1 NVIDIA AWRDACPI 1000 MSFT 3000000)
[ 0.000000] ACPI: FACS 3FEE0000, 0040
[ 0.000000] ACPI: SSDT 3FEEC740, 00F4 (r1 PTLTD POWERNOW 1 LTP 1)
[ 0.000000] ACPI: HPET 3FEEC880, 0038 (r1 Nvidia ASUSACPI 42302E31 AWRD 98)
[ 0.000000] ACPI: MCFG 3FEEC900, 003C (r1 Nvidia ASUSACPI 42302E31 AWRD 0)
[ 0.000000] ACPI: APIC 3FEEC680, 007C (r1 Nvidia ASUSACPI 42302E31 AWRD 0)
[ 0.000000] Entering add_active_range(0, 0, 159) 0 entries of 256 used
[ 0.000000] Entering add_active_range(0, 256, 261856) 1 entries of 256 used
[ 0.000000] Zone PFN ranges:
[ 0.000000] DMA 0 -> 4096
[ 0.000000] DMA32 4096 -> 1048576
[ 0.000000] Normal 1048576 -> 1048576
[ 0.000000] early_node_map[2] active PFN ranges
[ 0.000000] 0: 0 -> 159
```

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```
[ 0.000000] 0: 256 -> 261856
[ 0.000000] On node 0 totalpages: 261759
[ 0.000000] DMA zone: 56 pages used for memmap
[ 0.000000] DMA zone: 1609 pages reserved
[ 0.000000] DMA zone: 2334 pages, LIFO batch:0
[ 0.000000] DMA32 zone: 3524 pages used for memmap
[ 0.000000] DMA32 zone: 254236 pages, LIFO batch:31
[ 0.000000] Normal zone: 0 pages used for memmap
[ 0.000000] ACPI: PM-Timer IO Port: 0x1008
[ 0.000000] ACPI: Local APIC address 0xfe00000
[ 0.000000] ACPI: LAPIC (acpi_id[0x00] lapic_id[0x00] enabled)
[ 0.000000] Processor #0 (Bootup-CPU)
[ 0.000000] ACPI: LAPIC (acpi_id[0x01] lapic_id[0x01] disabled)
[ 0.000000] ACPI: LAPIC_NMI (acpi_id[0x00] high edge lint[0x1])
[ 0.000000] ACPI: LAPIC_NMI (acpi_id[0x01] high edge lint[0x1])
[ 0.000000] ACPI: IOAPIC (id[0x02] address[0xfec00000] gsi_base[0])
[ 0.000000] IOAPIC[0]: apic_id 2, address 0xfec00000, GSI 0-23
[ 0.000000] ACPI: INT_SRC_OVR (bus 0 bus_irq 0 global_irq 2 dfl dfl)
[ 0.000000] ACPI: INT_SRC_OVR (bus 0 bus_irq 9 global_irq 9 high level)
[ 0.000000] ACPI: INT_SRC_OVR (bus 0 bus_irq 14 global_irq 14 high edge)
[ 0.000000] ACPI: INT_SRC_OVR (bus 0 bus_irq 15 global_irq 15 high edge)
[ 0.000000] ACPI: IRQ0 used by override.
[ 0.000000] ACPI: IRQ2 used by override.
[ 0.000000] ACPI: IRQ9 used by override.
[ 0.000000] ACPI: IRQ14 used by override.
[ 0.000000] ACPI: IRQ15 used by override.
[ 0.000000] Setting APIC routing to flat
[ 0.000000] ACPI: HPET id: 0x10de8201 base: 0xfefff000
[ 0.000000] Using ACPI (MADT) for SMP configuration information
[ 0.000000] mapped APIC to ffffffff5fd000 ( fee00000)
[ 0.000000] mapped IOAPIC to ffffffff5fc000 (00000000fec00000)
[ 0.000000] Nosave address range: 000000000009f000 - 00000000000a0000
[ 0.000000] Nosave address range: 00000000000a0000 - 00000000000f0000
[ 0.000000] Nosave address range: 00000000000f0000 - 0000000000100000
[ 0.000000] Allocating PCI resources starting at 40000000 (gap: 3ff00000:b0100000)
[ 0.000000] Built 1 zonelists. Total pages: 256570
[ 0.000000] Kernel command line: root=/dev/sda5 resume=/dev/sda6 vga=6 apic=verbose ro
[ 0.000000] Initializing CPU#0
[ 0.000000] PID hash table entries: 4096 (order: 12, 32768 bytes)
[ 0.000000] Extended CMOS year: 2000
[ 27.123582] time.c: Detected 2009.259 MHz processor.
[ 27.129015] Console: colour VGA+ 80x60
[ 27.132450] Dentry cache hash table entries: 131072 (order: 8, 1048576 bytes)
[ 27.133272] Inode-cache hash table entries: 65536 (order: 7, 524288 bytes)
[ 27.133524] Checking aperture...
[ 27.133631] CPU 0: aperture @ b0ca000000 size 32 MB
[ 27.133738] Aperture too small (32 MB)
[ 27.138530] No AGP bridge found
[ 27.146414] Memory: 1024344k/1047424k available (4046k kernel code, 22448k reserved, 1571k data, 208k
init)
[ 27.227018] Calibrating delay using timer specific routine.. 4022.53 BogoMIPS (lpj=6701652)
```

[ 27.227270] Mount-cache hash table entries: 256  
[ 27.227455] CPU: L1 I Cache: 64K (64 bytes/line), D cache 64K (64 bytes/line)  
[ 27.227563] CPU: L2 Cache: 512K (64 bytes/line)  
[ 27.227678] CPU: AMD Athlon(tm) 64 Processor 3200+ stepping 02  
[ 27.227830] ACPI: Core revision 20070126  
[ 27.233669] enabled ExtINT on CPU#0  
[ 27.233783] ESR value after enabling vector: 00000000, after 00000004  
[ 27.234118] ENABLING IO-APIC IRQs  
[ 27.234224] init IO\_APIC IRQs  
[ 27.234226] IO-APIC (apicid=pin) 2-0<7>IOAPIC[0]: Set routing entry (2-1 -> 0x31 -> IRQ 1 Mode:0 Active:0)  
[ 27.234237] IOAPIC[0]: Set routing entry (2-2 -> 0x30 -> IRQ 0 Mode:0 Active:0)  
[ 27.234244] IOAPIC[0]: Set routing entry (2-3 -> 0x33 -> IRQ 3 Mode:0 Active:0)  
[ 27.234251] IOAPIC[0]: Set routing entry (2-4 -> 0x34 -> IRQ 4 Mode:0 Active:0)  
[ 27.234258] IOAPIC[0]: Set routing entry (2-5 -> 0x35 -> IRQ 5 Mode:0 Active:0)  
[ 27.234265] IOAPIC[0]: Set routing entry (2-6 -> 0x36 -> IRQ 6 Mode:0 Active:0)  
[ 27.234272] IOAPIC[0]: Set routing entry (2-7 -> 0x37 -> IRQ 7 Mode:0 Active:0)  
[ 27.234278] IOAPIC[0]: Set routing entry (2-8 -> 0x38 -> IRQ 8 Mode:0 Active:0)  
[ 27.234285] IOAPIC[0]: Set routing entry (2-9 -> 0x39 -> IRQ 9 Mode:1 Active:0)  
[ 27.234293] IOAPIC[0]: Set routing entry (2-10 -> 0x3a -> IRQ 10 Mode:0 Active:0)  
[ 27.234300] IOAPIC[0]: Set routing entry (2-11 -> 0x3b -> IRQ 11 Mode:0 Active:0)  
[ 27.234307] IOAPIC[0]: Set routing entry (2-12 -> 0x3c -> IRQ 12 Mode:0 Active:0)  
[ 27.234314] IOAPIC[0]: Set routing entry (2-13 -> 0x3d -> IRQ 13 Mode:0 Active:0)  
[ 27.234321] IOAPIC[0]: Set routing entry (2-14 -> 0x3e -> IRQ 14 Mode:0 Active:0)  
[ 27.234328] IOAPIC[0]: Set routing entry (2-15 -> 0x3f -> IRQ 15 Mode:0 Active:0)  
[ 27.234334] , 2-16, 2-17, 2-18, 2-19, 2-20, 2-21, 2-22, 2-23 not connected.  
[ 27.234730] ..TIMER: vector=0x30 apic1=0 pin1=2 apic2=-1 pin2=-1  
[ 27.267820] Using local APIC timer interrupts.  
[ 27.317634] result 12557883  
[ 27.317740] Detected 12.557 MHz APIC timer.  
[ 27.320260] PM: Adding info for No Bus:platform  
[ 27.320335] NET: Registered protocol family 16  
[ 27.320470] PM: Adding info for No Bus:vtcon0  
[ 27.320513] ACPI: bus type pci registered  
[ 27.321307] PCI: Using MMCONFIG at f0000000 - f3ffffff  
[ 27.321431] PCI: No mmconfig possible on device 00:18  
[ 27.329056] ACPI: Interpreter enabled  
[ 27.329166] ACPI: (supports S0 S1 S3 S4 S5)  
[ 27.329406] ACPI: Using IOAPIC for interrupt routing  
[ 27.329599] PM: Adding info for acpi:acpi\_system:00  
[ 27.329643] PM: Adding info for acpi:button\_power:00  
[ 27.329677] PM: Adding info for acpi:ACPI0007:00  
[ 27.329707] PM: Adding info for acpi:ACPI0007:01  
[ 27.329750] PM: Adding info for acpi:device:00  
[ 27.329888] PM: Adding info for acpi:PNP0C0C:00  
[ 27.330089] PM: Adding info for acpi:PNP0A08:00  
[ 27.330127] PM: Adding info for acpi:PNP0C02:00  
[ 27.330272] PM: Adding info for acpi:device:01  
[ 27.330314] PM: Adding info for acpi:device:02  
[ 27.330349] PM: Adding info for acpi:device:03  
[ 27.330385] PM: Adding info for acpi:device:04

[ 27.330422] PM: Adding info for acpi:device:05  
[ 27.330456] PM: Adding info for acpi:device:06  
[ 27.330493] PM: Adding info for acpi:device:07  
[ 27.330528] PM: Adding info for acpi:device:08  
[ 27.330564] PM: Adding info for acpi:device:09  
[ 27.330600] PM: Adding info for acpi:device:0a  
[ 27.330635] PM: Adding info for acpi:device:0b  
[ 27.330674] PM: Adding info for acpi:device:0c  
[ 27.330709] PM: Adding info for acpi:device:0d  
[ 27.330744] PM: Adding info for acpi:device:0e  
[ 27.330780] PM: Adding info for acpi:device:0f  
[ 27.330816] PM: Adding info for acpi:device:10  
[ 27.330857] PM: Adding info for acpi:device:11  
[ 27.330894] PM: Adding info for acpi:device:12  
[ 27.330930] PM: Adding info for acpi:device:13  
[ 27.330966] PM: Adding info for acpi:device:14  
[ 27.331002] PM: Adding info for acpi:device:15  
[ 27.331037] PM: Adding info for acpi:device:16  
[ 27.331075] PM: Adding info for acpi:device:17  
[ 27.331113] PM: Adding info for acpi:device:18  
[ 27.331155] PM: Adding info for acpi:device:19  
[ 27.331200] PM: Adding info for acpi:device:1a  
[ 27.331241] PM: Adding info for acpi:device:1b  
[ 27.331283] PM: Adding info for acpi:device:1c  
[ 27.331326] PM: Adding info for acpi:device:1d  
[ 27.331368] PM: Adding info for acpi:device:1e  
[ 27.331412] PM: Adding info for acpi:device:1f  
[ 27.331456] PM: Adding info for acpi:device:20  
[ 27.331496] PM: Adding info for acpi:device:21  
[ 27.331540] PM: Adding info for acpi:device:22  
[ 27.331584] PM: Adding info for acpi:device:23  
[ 27.331627] PM: Adding info for acpi:device:24  
[ 27.331671] PM: Adding info for acpi:device:25  
[ 27.331714] PM: Adding info for acpi:device:26  
[ 27.331756] PM: Adding info for acpi:device:27  
[ 27.331800] PM: Adding info for acpi:device:28  
[ 27.331842] PM: Adding info for acpi:device:29  
[ 27.331883] PM: Adding info for acpi:device:2a  
[ 27.331925] PM: Adding info for acpi:device:2b  
[ 27.331964] PM: Adding info for acpi:PNP0C02:01  
[ 27.332001] PM: Adding info for acpi:PNP0000:00  
[ 27.332037] PM: Adding info for acpi:PNP0200:00  
[ 27.332075] PM: Adding info for acpi:PNP0100:00  
[ 27.332273] PM: Adding info for acpi:PNP0103:00  
[ 27.332311] PM: Adding info for acpi:PNP0B00:00  
[ 27.332350] PM: Adding info for acpi:PNP0800:00  
[ 27.332389] PM: Adding info for acpi:PNP0C04:00  
[ 27.333170] PM: Adding info for acpi:PNP0501:00  
[ 27.334233] PM: Adding info for acpi:PNP0303:00  
[ 27.334457] PM: Adding info for acpi:device:2c  
[ 27.334603] PM: Adding info for acpi:device:2d

[ 27.334647] PM: Adding info for acpi:device:2e  
[ 27.334691] PM: Adding info for acpi:device:2f  
[ 27.334736] PM: Adding info for acpi:device:30  
[ 27.334849] PM: Adding info for acpi:ATK0110:00  
[ 27.335028] PM: Adding info for acpi:PNP0C0F:00  
[ 27.335189] PM: Adding info for acpi:PNP0C0F:01  
[ 27.335348] PM: Adding info for acpi:PNP0C0F:02  
[ 27.335511] PM: Adding info for acpi:PNP0C0F:03  
[ 27.335671] PM: Adding info for acpi:PNP0C0F:04  
[ 27.335832] PM: Adding info for acpi:PNP0C0F:05  
[ 27.335992] PM: Adding info for acpi:PNP0C0F:06  
[ 27.336153] PM: Adding info for acpi:PNP0C0F:07  
[ 27.336317] PM: Adding info for acpi:PNP0C0F:08  
[ 27.336477] PM: Adding info for acpi:PNP0C0F:09  
[ 27.336638] PM: Adding info for acpi:PNP0C0F:0a  
[ 27.336799] PM: Adding info for acpi:PNP0C0F:0b  
[ 27.336982] PM: Adding info for acpi:PNP0C0F:0c  
[ 27.337144] PM: Adding info for acpi:PNP0C0F:0d  
[ 27.337305] PM: Adding info for acpi:PNP0C0F:0e  
[ 27.337470] PM: Adding info for acpi:PNP0C0F:0f  
[ 27.337632] PM: Adding info for acpi:PNP0C0F:10  
[ 27.337794] PM: Adding info for acpi:PNP0C0F:11  
[ 27.337957] PM: Adding info for acpi:PNP0C0F:12  
[ 27.338122] PM: Adding info for acpi:PNP0C0F:13  
[ 27.338298] PM: Adding info for acpi:PNP0C0F:14  
[ 27.338473] PM: Adding info for acpi:PNP0C0F:15  
[ 27.338648] PM: Adding info for acpi:PNP0C0F:16  
[ 27.338824] PM: Adding info for acpi:PNP0C0F:17  
[ 27.338998] PM: Adding info for acpi:PNP0C0F:18  
[ 27.339174] PM: Adding info for acpi:PNP0C0F:19  
[ 27.339351] PM: Adding info for acpi:PNP0C0F:1a  
[ 27.339527] PM: Adding info for acpi:PNP0C0F:1b  
[ 27.339701] PM: Adding info for acpi:PNP0C0F:1c  
[ 27.339878] PM: Adding info for acpi:PNP0C0F:1d  
[ 27.340053] PM: Adding info for acpi:PNP0C0F:1e  
[ 27.340250] PM: Adding info for acpi:PNP0C0F:1f  
[ 27.340426] PM: Adding info for acpi:PNP0C0F:20  
[ 27.340605] PM: Adding info for acpi:PNP0C0F:21  
[ 27.340780] PM: Adding info for acpi:PNP0C0F:22  
[ 27.340956] PM: Adding info for acpi:PNP0C0F:23  
[ 27.341135] PM: Adding info for acpi:PNP0C0F:24  
[ 27.341311] PM: Adding info for acpi:PNP0C0F:25  
[ 27.341488] PM: Adding info for acpi:PNP0C0F:26  
[ 27.341667] PM: Adding info for acpi:PNP0C0F:27  
[ 27.341713] PM: Adding info for acpi:PNP0C02:02  
[ 27.341759] PM: Adding info for acpi:PNP0C01:00  
[ 27.341798] PM: Adding info for acpi:thermal:00  
[ 27.341839] PM: Adding info for acpi:PNP0C0B:00  
[ 27.341873] PM: Adding info for acpi:thermal:01  
[ 27.342039] PM: Adding info for acpi:AWY0001:00  
[ 27.342160] ACPI: PCI Root Bridge [PCI0] (0000:00)

[ 27.342277] PCI: Probing PCI hardware (bus 00)  
[ 27.342286] PM: Adding info for No Bus:pci0000:00  
[ 27.342495] 0000:00:04.0: cannot adjust BAR0 (not I/O)  
[ 27.342602] 0000:00:04.0: cannot adjust BAR1 (not I/O)  
[ 27.342709] 0000:00:04.0: cannot adjust BAR2 (not I/O)  
[ 27.342815] 0000:00:04.0: cannot adjust BAR3 (not I/O)  
[ 27.343123] PCI: Firmware left 0000:01:07.0 e100 interrupts enabled, disabling  
[ 27.343425] PCI: Transparent bridge - 0000:00:06.0  
[ 27.344025] Boot video device is 0000:07:00.0  
[ 27.344105] ACPI: PCI Interrupt Routing Table [\_SB\_.PCI0.\_PRT]  
[ 27.344517] ACPI: PCI Interrupt Routing Table [\_SB\_.PCI0.HUB0.\_PRT]  
[ 27.347888] PM: Adding info for pci:0000:00:00.0  
[ 27.351008] PM: Adding info for pci:0000:00:01.0  
[ 27.354090] PM: Adding info for pci:0000:00:01.1  
[ 27.357163] PM: Adding info for pci:0000:00:01.2  
[ 27.360277] PM: Adding info for pci:0000:00:02.0  
[ 27.363349] PM: Adding info for pci:0000:00:02.1  
[ 27.366413] PM: Adding info for pci:0000:00:04.0  
[ 27.369528] PM: Adding info for pci:0000:00:06.0  
[ 27.372590] PM: Adding info for pci:0000:00:06.1  
[ 27.375664] PM: Adding info for pci:0000:00:08.0  
[ 27.378777] PM: Adding info for pci:0000:00:09.0  
[ 27.381841] PM: Adding info for pci:0000:00:0a.0  
[ 27.384915] PM: Adding info for pci:0000:00:0b.0  
[ 27.388019] PM: Adding info for pci:0000:00:0c.0  
[ 27.391095] PM: Adding info for pci:0000:00:0d.0  
[ 27.394201] PM: Adding info for pci:0000:00:0e.0  
[ 27.397278] PM: Adding info for pci:0000:00:0f.0  
[ 27.400393] PM: Adding info for pci:0000:00:18.0  
[ 27.403486] PM: Adding info for pci:0000:00:18.1  
[ 27.406561] PM: Adding info for pci:0000:00:18.2  
[ 27.409677] PM: Adding info for pci:0000:00:18.3  
[ 27.409712] PM: Adding info for pci:0000:01:07.0  
[ 27.409745] PM: Adding info for pci:0000:01:08.0  
[ 27.409778] PM: Adding info for pci:0000:01:08.1  
[ 27.409810] PM: Adding info for pci:0000:01:0b.0  
[ 27.409846] PM: Adding info for pci:0000:06:00.0  
[ 27.409880] PM: Adding info for pci:0000:06:00.1  
[ 27.409913] PM: Adding info for pci:0000:07:00.0  
[ 27.409944] PM: Adding info for pci:0000:07:00.1  
[ 27.410210] ACPI: PCI Interrupt Link [LNK1] (IRQs 5 7 9 10 11 14 15) \*0, disabled.  
[ 27.410855] ACPI: PCI Interrupt Link [LNK2] (IRQs 5 7 9 \*10 11 14 15)  
[ 27.411370] ACPI: PCI Interrupt Link [LNK3] (IRQs 5 \*7 9 10 11 14 15)  
[ 27.411884] ACPI: PCI Interrupt Link [LNK4] (IRQs 5 7 9 10 11 14 15) \*0, disabled.  
[ 27.412521] ACPI: PCI Interrupt Link [LNK5] (IRQs 5 7 9 10 11 14 15) \*0, disabled.  
[ 27.413160] ACPI: PCI Interrupt Link [LNK6] (IRQs \*5 7 9 10 11 14 15)  
[ 27.413685] ACPI: PCI Interrupt Link [LNK7] (IRQs 5 7 9 10 \*11 14 15)  
[ 27.414200] ACPI: PCI Interrupt Link [LNK8] (IRQs 5 7 9 10 11 14 15) \*0, disabled.  
[ 27.414838] ACPI: PCI Interrupt Link [LP2P] (IRQs 5 7 9 10 11 14 15) \*0, disabled.  
[ 27.415476] ACPI: PCI Interrupt Link [LUBA] (IRQs 5 7 9 10 \*11 14 15)  
[ 27.415990] ACPI: PCI Interrupt Link [LMAC] (IRQs 5 7 9 \*10 11 14 15)

[ 27.416505] ACPI: PCI Interrupt Link [LMC1] (IRQs 5 7 9 \*10 11 14 15)  
[ 27.417023] ACPI: PCI Interrupt Link [LAZA] (IRQs 5 7 9 10 \*11 14 15)  
[ 27.417541] ACPI: PCI Interrupt Link [LPMU] (IRQs 5 7 9 10 11 14 15) \*0, disabled.  
[ 27.418180] ACPI: PCI Interrupt Link [LSMB] (IRQs 5 7 9 \*10 11 14 15)  
[ 27.418699] ACPI: PCI Interrupt Link [LUB2] (IRQs 5 \*7 9 10 11 14 15)  
[ 27.419217] ACPI: PCI Interrupt Link [LIDE] (IRQs 5 7 9 10 11 14 15) \*0, disabled.  
[ 27.419855] ACPI: PCI Interrupt Link [LSID] (IRQs 5 7 9 10 11 14 15) \*0, disabled.  
[ 27.420496] ACPI: PCI Interrupt Link [LFID] (IRQs 5 7 9 10 11 14 15) \*0, disabled.  
[ 27.421134] ACPI: PCI Interrupt Link [LSA2] (IRQs 5 7 9 10 11 14 15) \*0, disabled.  
[ 27.421812] ACPI: PCI Interrupt Link [APC1] (IRQs 16) \*0, disabled.  
[ 27.422278] ACPI: PCI Interrupt Link [APC2] (IRQs 17) \*0  
[ 27.422724] ACPI: PCI Interrupt Link [APC3] (IRQs 18) \*0  
[ 27.423167] ACPI: PCI Interrupt Link [APC4] (IRQs 19) \*0, disabled.  
[ 27.423634] ACPI: PCI Interrupt Link [APC5] (IRQs 16) \*0, disabled.  
[ 27.424098] ACPI: PCI Interrupt Link [APC6] (IRQs 16) \*0  
[ 27.424542] ACPI: PCI Interrupt Link [APC7] (IRQs 16) \*0  
[ 27.424986] ACPI: PCI Interrupt Link [APC8] (IRQs 16) \*0, disabled.  
[ 27.425450] ACPI: PCI Interrupt Link [APCF] (IRQs 20 21 22 23) \*0  
[ 27.425955] ACPI: PCI Interrupt Link [APCH] (IRQs 20 21 22 23) \*0  
[ 27.426460] ACPI: PCI Interrupt Link [AMC1] (IRQs 20 21 22 23) \*0  
[ 27.426967] ACPI: PCI Interrupt Link [APMU] (IRQs 20 21 22 23) \*0, disabled.  
[ 27.427492] ACPI: PCI Interrupt Link [AAZA] (IRQs 20 21 22 23) \*0  
[ 27.427997] ACPI: PCI Interrupt Link [APCS] (IRQs 20 21 22 23) \*0  
[ 27.428502] ACPI: PCI Interrupt Link [APCL] (IRQs 20 21 22 23) \*0  
[ 27.429007] ACPI: PCI Interrupt Link [APCM] (IRQs 20 21 22 23) \*0, disabled.  
[ 27.429532] ACPI: PCI Interrupt Link [APCZ] (IRQs 20 21 22 23) \*0, disabled.  
[ 27.430057] ACPI: PCI Interrupt Link [APSI] (IRQs 20 21 22 23) \*0, disabled.  
[ 27.430586] ACPI: PCI Interrupt Link [APSJ] (IRQs 20 21 22 23) \*0, disabled.  
[ 27.431111] ACPI: PCI Interrupt Link [ASA2] (IRQs 20 21 22 23) \*0, disabled.  
[ 27.431488] Linux Plug and Play Support v0.97 (c) Adam Belay  
[ 27.431601] pnp: PnP ACPI init  
[ 27.431712] PM: Adding info for No Bus:pnp0  
[ 27.432404] PM: Adding info for pnp:00:00  
[ 27.432498] PM: Adding info for pnp:00:01  
[ 27.432640] PM: Adding info for pnp:00:02  
[ 27.432674] PM: Adding info for pnp:00:03  
[ 27.432842] IOAPIC[0]: Set routing entry (2-8 -> 0x38 -> IRQ 8 Mode:0 Active:0)  
[ 27.432857] PM: Adding info for pnp:00:04  
[ 27.432959] PM: Adding info for pnp:00:05  
[ 27.432993] PM: Adding info for pnp:00:06  
[ 27.433021] IOAPIC[0]: Set routing entry (2-13 -> 0x3d -> IRQ 13 Mode:0 Active:0)  
[ 27.433032] PM: Adding info for pnp:00:07  
[ 27.433816] IOAPIC[0]: Set routing entry (2-4 -> 0x34 -> IRQ 4 Mode:0 Active:0)  
[ 27.433836] PM: Adding info for pnp:00:08  
[ 27.434724] IOAPIC[0]: Set routing entry (2-1 -> 0x31 -> IRQ 1 Mode:0 Active:0)  
[ 27.434735] PM: Adding info for pnp:00:09  
[ 27.437439] PM: Adding info for pnp:00:0a  
[ 27.437621] PM: Adding info for pnp:00:0b  
[ 27.437713] pnp: PnP ACPI: found 12 devices  
[ 27.437927] SCSI subsystem initialized  
[ 27.438057] libata version 2.20 loaded.

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[ 27.438104] usbcore: registered new interface driver usbfs
[ 27.438238] usbcore: registered new interface driver hub
[ 27.438370] usbcore: registered new device driver usb
[ 27.438525] PCI: Using ACPI for IRQ routing
[ 27.438634] PCI: If a device doesn't work, try "pci=routeirq". If it helps, post a report
[ 27.438826] number of MP IRQ sources: 15.
[ 27.438828] number of IO-APIC #2 registers: 24.
[ 27.438830] testing the IO APIC.....
[ 27.438941]
[ 27.439046] IO APIC #2.....
[ 27.439048] .... register #00: 02000000
[ 27.439050] ..... : physical APIC id: 02
[ 27.439052] .... register #01: 00170011
[ 27.439054] ..... : max redirection entries: 0017
[ 27.439056] ..... : PRQ implemented: 0
[ 27.439058] ..... : IO APIC version: 0011
[ 27.439060] .... register #02: 02000000
[ 27.439061] ..... : arbitration: 02
[ 27.439063] .... IRQ redirection table:
[ 27.439065] NR Dst Mask Trig IRR Pol Stat Dmod Deli Vect:
[ 27.439070] 00 000 1 0 0 0 0 0 0 00
[ 27.439077] 01 001 0 0 0 0 0 1 1 31
[ 27.439083] 02 001 0 0 0 0 0 1 1 30
[ 27.439090] 03 001 0 0 0 0 0 1 1 33
[ 27.439096] 04 001 0 0 0 0 0 1 1 34
[ 27.439102] 05 001 1 0 0 0 0 1 1 35
[ 27.439109] 06 001 0 0 0 0 0 1 1 36
[ 27.439115] 07 001 1 0 0 0 0 1 1 37
[ 27.439121] 08 001 0 0 0 0 0 1 1 38
[ 27.439128] 09 001 0 1 0 0 0 1 1 39
[ 27.439134] 0a 001 1 0 0 0 0 1 1 3A
[ 27.439141] 0b 001 1 0 0 0 0 1 1 3B
[ 27.439147] 0c 001 0 0 0 0 0 1 1 3C
[ 27.439153] 0d 001 0 0 0 0 0 1 1 3D
[ 27.439160] 0e 001 0 0 0 0 0 1 1 3E
[ 27.439166] 0f 001 0 0 0 0 0 1 1 3F
[ 27.439173] 10 000 1 0 0 0 0 0 0 00
[ 27.439179] 11 000 1 0 0 0 0 0 0 00
[ 27.439185] 12 000 1 0 0 0 0 0 0 00
[ 27.439191] 13 000 1 0 0 0 0 0 0 00
[ 27.439198] 14 000 1 0 0 0 0 0 0 00
[ 27.439204] 15 000 1 0 0 0 0 0 0 00
[ 27.439210] 16 000 1 0 0 0 0 0 0 00
[ 27.439216] 17 000 1 0 0 0 0 0 0 00
[ 27.439219] IRQ to pin mappings:
[ 27.439221] IRQ0 -> 0:2
[ 27.439223] IRQ1 -> 0:1
[ 27.439225] IRQ3 -> 0:3
[ 27.439227] IRQ4 -> 0:4
[ 27.439229] IRQ5 -> 0:5
[ 27.439231] IRQ6 -> 0:6
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[ 27.439233] IRQ7 -> 0:7  
[ 27.439235] IRQ8 -> 0:8  
[ 27.439236] IRQ9 -> 0:9  
[ 27.439238] IRQ10 -> 0:10  
[ 27.439241] IRQ11 -> 0:11  
[ 27.439243] IRQ12 -> 0:12  
[ 27.439245] IRQ13 -> 0:13  
[ 27.439247] IRQ14 -> 0:14  
[ 27.439249] IRQ15 -> 0:15  
[ 27.439252] ..... done.  
[ 27.536630] Bluetooth: Core ver 2.11  
[ 27.536743] PM: Adding info for platform:bluetooth  
[ 27.536771] NET: Registered protocol family 31  
[ 27.536878] Bluetooth: HCI device and connection manager initialized  
[ 27.536986] Bluetooth: HCI socket layer initialized  
[ 27.537139] hpet0: at MMIO 0xfefff000, IRQs 2, 8, 31  
[ 27.537327] hpet0: 3 32-bit timers, 25000000 Hz  
[ 27.538469] pnp: 00:01: ioport range 0x1000-0x107f has been reserved  
[ 27.538577] pnp: 00:01: ioport range 0x1080-0x10ff has been reserved  
[ 27.538686] pnp: 00:01: ioport range 0x1400-0x147f has been reserved  
[ 27.538794] pnp: 00:01: ioport range 0x1480-0x14ff has been reserved  
[ 27.538901] pnp: 00:01: ioport range 0x1800-0x187f has been reserved  
[ 27.539009] pnp: 00:01: ioport range 0x1880-0x18ff has been reserved  
[ 27.539125] pnp: 00:0a: iomem range 0xf0000000-0xf3ffffff could not be reserved  
[ 27.539319] pnp: 00:0b: iomem range 0xf0000-0xf3fff could not be reserved  
[ 27.539427] pnp: 00:0b: iomem range 0xf4000-0xf7fff could not be reserved  
[ 27.539535] pnp: 00:0b: iomem range 0xf8000-0xfbfff could not be reserved  
[ 27.539644] pnp: 00:0b: iomem range 0xfc000-0xfffff could not be reserved  
[ 27.539762] PM: Adding info for No Bus:mem  
[ 27.539787] PM: Adding info for No Bus:kmem  
[ 27.539809] PM: Adding info for No Bus:null  
[ 27.539830] PM: Adding info for No Bus:port  
[ 27.539851] PM: Adding info for No Bus:zero  
[ 27.539874] PM: Adding info for No Bus:full  
[ 27.539895] PM: Adding info for No Bus:random  
[ 27.539919] PM: Adding info for No Bus:urandom  
[ 27.539943] PM: Adding info for No Bus:kmsg  
[ 27.539952] Time: tsc clocksource has been installed.  
[ 27.540097] PCI: Bridge: 0000:00:06.0  
[ 27.540204] IO window: d000-dfff  
[ 27.540311] MEM window: fdc00000-fdefffff  
[ 27.540418] PREFETCH window: 40000000-400fffff  
[ 27.540526] PCI: Bridge: 0000:00:0a.0  
[ 27.540631] IO window: disabled.  
[ 27.546605] MEM window: disabled.  
[ 27.546719] PREFETCH window: disabled.  
[ 27.546826] PCI: Bridge: 0000:00:0b.0  
[ 27.546932] IO window: disabled.  
[ 27.547038] MEM window: disabled.  
[ 27.547144] PREFETCH window: disabled.  
[ 27.547251] PCI: Bridge: 0000:00:0c.0

[ 27.547356] IO window: disabled.  
[ 27.547462] MEM window: disabled.  
[ 27.547568] PREFETCH window: disabled.  
[ 27.547675] PCI: Bridge: 0000:00:0d.0  
[ 27.547781] IO window: disabled.  
[ 27.547887] MEM window: disabled.  
[ 27.547993] PREFETCH window: disabled.  
[ 27.548100] PCI: Bridge: 0000:00:0e.0  
[ 27.548207] IO window: b000-cfff  
[ 27.548314] MEM window: fdb00000-fdbfffff  
[ 27.548420] PREFETCH window: disabled.  
[ 27.548527] PCI: Bridge: 0000:00:0f.0  
[ 27.548633] IO window: a000-afff  
[ 27.548740] MEM window: fda00000-fdafffff  
[ 27.548847] PREFETCH window: e8000000-efffffff  
[ 27.548959] PCI: Setting latency timer of device 0000:00:06.0 to 64  
[ 27.548965] PCI: Setting latency timer of device 0000:00:0a.0 to 64  
[ 27.548970] PCI: Setting latency timer of device 0000:00:0b.0 to 64  
[ 27.548975] PCI: Setting latency timer of device 0000:00:0c.0 to 64  
[ 27.548979] PCI: Setting latency timer of device 0000:00:0d.0 to 64  
[ 27.548984] PCI: Setting latency timer of device 0000:00:0e.0 to 64  
[ 27.548989] PCI: Setting latency timer of device 0000:00:0f.0 to 64  
[ 27.549010] NET: Registered protocol family 2  
[ 27.579924] IP route cache hash table entries: 32768 (order: 6, 262144 bytes)  
[ 27.580217] TCP established hash table entries: 131072 (order: 9, 2097152 bytes)  
[ 27.581250] TCP bind hash table entries: 65536 (order: 7, 524288 bytes)  
[ 27.581605] TCP: Hash tables configured (established 131072 bind 65536)  
[ 27.581713] TCP reno registered  
[ 27.590063] PM: Adding info for No Bus:mcelog  
[ 27.590233] PM: Adding info for platform:pcspkr  
[ 27.590344] PM: Adding info for No Bus:snapshot  
[ 27.590574] Installing knfsd (copyright (C) 1996 okir@xxxxxxxxxxxxx).  
[ 27.590858] JFFS2 version 2.2. (NAND) (C) 2001-2006 Red Hat, Inc.  
[ 27.591012] fuse init (API version 7.8)  
[ 27.591135] PM: Adding info for No Bus:fuse  
[ 27.591169] SGI XFS with large block/inode numbers, no debug enabled  
[ 27.591403] io scheduler noop registered  
[ 27.591510] io scheduler anticipatory registered  
[ 27.591616] io scheduler deadline registered  
[ 27.591733] io scheduler cfq registered (default)  
[ 27.613372] PCI: Setting latency timer of device 0000:00:0a.0 to 64  
[ 27.613385] assign\_interrupt\_mode Found MSI capability  
[ 27.613509] Allocate Port Service[0000:00:0a.0:pcie00]  
[ 27.613515] PM: Adding info for pci\_express:0000:00:0a.0:pcie00  
[ 27.613538] Allocate Port Service[0000:00:0a.0:pcie03]  
[ 27.613543] PM: Adding info for pci\_express:0000:00:0a.0:pcie03  
[ 27.613578] PCI: Setting latency timer of device 0000:00:0b.0 to 64  
[ 27.613591] assign\_interrupt\_mode Found MSI capability  
[ 27.613706] Allocate Port Service[0000:00:0b.0:pcie00]  
[ 27.613711] PM: Adding info for pci\_express:0000:00:0b.0:pcie00  
[ 27.613733] Allocate Port Service[0000:00:0b.0:pcie03]

[ 27.613740] PM: Adding info for pci\_express:0000:00:0b.0:pcie03  
[ 27.613774] PCI: Setting latency timer of device 0000:00:0c.0 to 64  
[ 27.613787] assign\_interrupt\_mode Found MSI capability  
[ 27.613902] Allocate Port Service[0000:00:0c.0:pcie00]  
[ 27.613907] PM: Adding info for pci\_express:0000:00:0c.0:pcie00  
[ 27.613929] Allocate Port Service[0000:00:0c.0:pcie03]  
[ 27.613934] PM: Adding info for pci\_express:0000:00:0c.0:pcie03  
[ 27.613968] PCI: Setting latency timer of device 0000:00:0d.0 to 64  
[ 27.613981] assign\_interrupt\_mode Found MSI capability  
[ 27.614096] Allocate Port Service[0000:00:0d.0:pcie00]  
[ 27.614101] PM: Adding info for pci\_express:0000:00:0d.0:pcie00  
[ 27.614125] Allocate Port Service[0000:00:0d.0:pcie03]  
[ 27.614130] PM: Adding info for pci\_express:0000:00:0d.0:pcie03  
[ 27.614164] PCI: Setting latency timer of device 0000:00:0e.0 to 64  
[ 27.614177] assign\_interrupt\_mode Found MSI capability  
[ 27.614292] Allocate Port Service[0000:00:0e.0:pcie00]  
[ 27.614297] PM: Adding info for pci\_express:0000:00:0e.0:pcie00  
[ 27.614318] Allocate Port Service[0000:00:0e.0:pcie03]  
[ 27.614323] PM: Adding info for pci\_express:0000:00:0e.0:pcie03  
[ 27.614358] PCI: Setting latency timer of device 0000:00:0f.0 to 64  
[ 27.614371] assign\_interrupt\_mode Found MSI capability  
[ 27.614486] Allocate Port Service[0000:00:0f.0:pcie00]  
[ 27.614494] PM: Adding info for pci\_express:0000:00:0f.0:pcie00  
[ 27.614515] Allocate Port Service[0000:00:0f.0:pcie03]  
[ 27.614520] PM: Adding info for pci\_express:0000:00:0f.0:pcie03  
[ 27.614621] PM: Adding info for platform:vesafb.0  
[ 27.614736] input: Power Button (FF) as /class/input/input0  
[ 27.614843] ACPI: Power Button (FF) [PWRF]  
[ 27.615009] input: Power Button (CM) as /class/input/input1  
[ 27.615117] ACPI: Power Button (CM) [PWRB]  
[ 27.615293] ACPI: Fan [FAN] (on)  
[ 27.616436] ACPI: Thermal Zone [THRM] (40 C)  
[ 27.616577] PM: Adding info for No Bus:tty  
[ 27.616604] PM: Adding info for No Bus:console  
[ 27.616627] PM: Adding info for No Bus:ptmx  
[ 27.616652] PM: Adding info for No Bus:tty0  
[ 27.616681] PM: Adding info for No Bus:ves  
[ 27.616704] PM: Adding info for No Bus:vesa  
[ 27.616732] PM: Adding info for No Bus:tty1  
[ 27.616754] PM: Adding info for No Bus:tty2  
[ 27.616776] PM: Adding info for No Bus:tty3  
[ 27.616801] PM: Adding info for No Bus:tty4  
[ 27.616824] PM: Adding info for No Bus:tty5  
[ 27.616847] PM: Adding info for No Bus:tty6  
[ 27.616870] PM: Adding info for No Bus:tty7  
[ 27.616894] PM: Adding info for No Bus:tty8  
[ 27.616917] PM: Adding info for No Bus:tty9  
[ 27.616941] PM: Adding info for No Bus:tty10  
[ 27.616967] PM: Adding info for No Bus:tty11  
[ 27.616990] PM: Adding info for No Bus:tty12  
[ 27.617014] PM: Adding info for No Bus:tty13

[ 27.617037] PM: Adding info for No Bus:tty14  
[ 27.617062] PM: Adding info for No Bus:tty15  
[ 27.617086] PM: Adding info for No Bus:tty16  
[ 27.617110] PM: Adding info for No Bus:tty17  
[ 27.617137] PM: Adding info for No Bus:tty18  
[ 27.617161] PM: Adding info for No Bus:tty19  
[ 27.617185] PM: Adding info for No Bus:tty20  
[ 27.617209] PM: Adding info for No Bus:tty21  
[ 27.617235] PM: Adding info for No Bus:tty22  
[ 27.617258] PM: Adding info for No Bus:tty23  
[ 27.617283] PM: Adding info for No Bus:tty24  
[ 27.617309] PM: Adding info for No Bus:tty25  
[ 27.617333] PM: Adding info for No Bus:tty26  
[ 27.617358] PM: Adding info for No Bus:tty27  
[ 27.617382] PM: Adding info for No Bus:tty28  
[ 27.617411] PM: Adding info for No Bus:tty29  
[ 27.617435] PM: Adding info for No Bus:tty30  
[ 27.617460] PM: Adding info for No Bus:tty31  
[ 27.617488] PM: Adding info for No Bus:tty32  
[ 27.617514] PM: Adding info for No Bus:tty33  
[ 27.617540] PM: Adding info for No Bus:tty34  
[ 27.617564] PM: Adding info for No Bus:tty35  
[ 27.617592] PM: Adding info for No Bus:tty36  
[ 27.617618] PM: Adding info for No Bus:tty37  
[ 27.617643] PM: Adding info for No Bus:tty38  
[ 27.617670] PM: Adding info for No Bus:tty39  
[ 27.617696] PM: Adding info for No Bus:tty40  
[ 27.617722] PM: Adding info for No Bus:tty41  
[ 27.617747] PM: Adding info for No Bus:tty42  
[ 27.617775] PM: Adding info for No Bus:tty43  
[ 27.617801] PM: Adding info for No Bus:tty44  
[ 27.617827] PM: Adding info for No Bus:tty45  
[ 27.617855] PM: Adding info for No Bus:tty46  
[ 27.617881] PM: Adding info for No Bus:tty47  
[ 27.617908] PM: Adding info for No Bus:tty48  
[ 27.617934] PM: Adding info for No Bus:tty49  
[ 27.617962] PM: Adding info for No Bus:tty50  
[ 27.617988] PM: Adding info for No Bus:tty51  
[ 27.618015] PM: Adding info for No Bus:tty52  
[ 27.618043] PM: Adding info for No Bus:tty53  
[ 27.618069] PM: Adding info for No Bus:tty54  
[ 27.618096] PM: Adding info for No Bus:tty55  
[ 27.618122] PM: Adding info for No Bus:tty56  
[ 27.618151] PM: Adding info for No Bus:tty57  
[ 27.618179] PM: Adding info for No Bus:tty58  
[ 27.618206] PM: Adding info for No Bus:tty59  
[ 27.618235] PM: Adding info for No Bus:tty60  
[ 27.618263] PM: Adding info for No Bus:tty61  
[ 27.618289] PM: Adding info for No Bus:tty62  
[ 27.618316] PM: Adding info for No Bus:tty63  
[ 27.618393] PM: Adding info for No Bus:rtc

[ 27.618422] Real Time Clock Driver v1.12ac  
[ 27.618535] PM: Adding info for No Bus:hpet  
[ 27.618704] hpet\_resources: 0xfefff000 is busy  
[ 27.618724] Linux apgart interface v0.102 (c) Dave Jones  
[ 27.619037] loop: loaded (max 8 devices)  
[ 27.619144] e100: Intel(R) PRO/100 Network Driver, 3.5.17-k2-NAPI  
[ 27.619251] e100: Copyright(c) 1999-2006 Intel Corporation  
[ 27.619787] ACPI: PCI Interrupt Link [APC2] enabled at IRQ 17  
[ 27.619913] IOAPIC[0]: Set routing entry (2-17 -> 0x79 -> IRQ 17 Mode:1 Active:1)  
[ 27.619920] ACPI: PCI Interrupt 0000:01:07.0[A] -> Link [APC2] -> GSI 17 (level, low) -> IRQ 17  
[ 27.639126] PM: Adding info for No Bus:eth0  
[ 27.639169] e100: eth0: e100\_probe: addr 0xfdef000, irq 17, MAC addr 00:02:B3:1C:8B:4F  
[ 27.639399] PM: Adding info for No Bus:lo  
[ 27.639427] tun: Universal TUN/TAP device driver, 1.6  
[ 27.639534] tun: (C) 1999-2004 Max Krasnyansky <maxk@xxxxxxxxxxxx>  
[ 27.639647] PM: Adding info for No Bus:tun  
[ 27.639772] ahci 0000:06:00.0: version 2.1  
[ 27.640163] ACPI: PCI Interrupt Link [APC7] enabled at IRQ 16  
[ 27.640272] IOAPIC[0]: Set routing entry (2-16 -> 0x81 -> IRQ 16 Mode:1 Active:1)  
[ 27.640278] ACPI: PCI Interrupt 0000:06:00.0[A] -> Link [APC7] -> GSI 16 (level, low) -> IRQ 16  
[ 28.641915] PCI: Setting latency timer of device 0000:06:00.0 to 64  
[ 28.641922] ahci 0000:06:00.0: AHCI 0001.0000 32 slots 2 ports 3 Gbps 0x3 impl SATA mode  
[ 28.642115] ahci 0000:06:00.0: flags: 64bit ncq pm led clo pmp pio slum part  
[ 28.642336] ata1: SATA max UDMA/133 cmd 0xffffc20000070100 ctl 0x0000000000000000 bmdma  
0x0000000000000000 irq 16  
[ 28.642617] ata2: SATA max UDMA/133 cmd 0xffffc20000070180 ctl 0x0000000000000000 bmdma  
0x0000000000000000 irq 16  
[ 28.642818] scsi0 : ahci  
[ 28.642935] PM: Adding info for No Bus:host0  
[ 28.954838] ata1: SATA link down (SStatus 0 SControl 300)  
[ 28.954953] scsi1 : ahci  
[ 28.955061] PM: Adding info for No Bus:host1  
[ 29.434243] ata2: SATA link up 3.0 Gbps (SStatus 123 SControl 300)  
[ 29.437236] ata2.00: ATA-7: SAMSUNG SP2504C, VT100-41, max UDMA7  
[ 29.437344] ata2.00: 488397168 sectors, multi 0: LBA48 NCQ (depth 31/32)  
[ 29.464325] ata2.00: configured for UDMA/133  
[ 29.464439] PM: Adding info for No Bus:target1:0:0  
[ 29.464500] scsi 1:0:0:0: Direct-Access ATA SAMSUNG SP2504C VT10 PQ: 0 ANSI: 5  
[ 29.464697] PM: Adding info for scsi:1:0:0:0  
[ 29.464764] SCSI device sda: 488397168 512-byte hdwr sectors (250059 MB)  
[ 29.464878] sda: Write Protect is off  
[ 29.464984] sda: Mode Sense: 00 3a 00 00  
[ 29.464996] SCSI device sda: write cache: enabled, read cache: enabled, doesn't support DPO or FUA  
[ 29.465219] SCSI device sda: 488397168 512-byte hdwr sectors (250059 MB)  
[ 29.465332] sda: Write Protect is off  
[ 29.465438] sda: Mode Sense: 00 3a 00 00  
[ 29.465449] SCSI device sda: write cache: enabled, read cache: enabled, doesn't support DPO or FUA  
[ 29.465642] sda: sda1 sda2 sda4 < sda5 sda6 >  
[ 29.501779] sd 1:0:0:0: Attached scsi disk sda  
[ 29.501928] sd 1:0:0:0: Attached scsi generic sg0 type 0  
[ 29.502115] block2mtd: version \$Revision: 1.30 \$

[ 29.502299] PM: Adding info for No Bus:kvm  
[ 29.502776] ACPI: PCI Interrupt Link [APCL] enabled at IRQ 23  
[ 29.502886] IOAPIC[0]: Set routing entry (2-23 -> 0x89 -> IRQ 23 Mode:1 Active:1)  
[ 29.502893] ACPI: PCI Interrupt 0000:00:02.1[B] -> Link [APCL] -> GSI 23 (level, low) -> IRQ 23  
[ 29.503134] PCI: Setting latency timer of device 0000:00:02.1 to 64  
[ 29.503137] ehci\_hcd 0000:00:02.1: EHCI Host Controller  
[ 29.503283] ehci\_hcd 0000:00:02.1: new USB bus registered, assigned bus number 1  
[ 29.503500] ehci\_hcd 0000:00:02.1: debug port 1  
[ 29.503608] PCI: cache line size of 64 is not supported by device 0000:00:02.1  
[ 29.503617] ehci\_hcd 0000:00:02.1: irq 23, io mem 0xfe02e000  
[ 29.503728] ehci\_hcd 0000:00:02.1: USB 2.0 started, EHCI 1.00, driver 10 Dec 2004  
[ 29.503937] PM: Adding info for usb:usb1  
[ 29.503990] PM: Adding info for No Bus:usbdev1.1\_ep00  
[ 29.504016] usb usb1: configuration #1 chosen from 1 choice  
[ 29.504131] PM: Adding info for usb:1-0:1.0  
[ 29.504168] hub 1-0:1.0: USB hub found  
[ 29.504280] hub 1-0:1.0: 10 ports detected  
[ 29.607357] PM: Adding info for No Bus:usbdev1.1\_ep81  
[ 29.607388] PM: Adding info for No Bus:usbdev1.1  
[ 29.607428] ohci\_hcd: 2006 August 04 USB 1.1 'Open' Host Controller (OHCI) Driver  
[ 29.607833] ACPI: PCI Interrupt Link [APCF] enabled at IRQ 22  
[ 29.607942] IOAPIC[0]: Set routing entry (2-22 -> 0x91 -> IRQ 22 Mode:1 Active:1)  
[ 29.607948] ACPI: PCI Interrupt 0000:00:02.0[A] -> Link [APCF] -> GSI 22 (level, low) -> IRQ 22  
[ 29.608186] PCI: Setting latency timer of device 0000:00:02.0 to 64  
[ 29.608188] ohci\_hcd 0000:00:02.0: OHCI Host Controller  
[ 29.608324] ohci\_hcd 0000:00:02.0: new USB bus registered, assigned bus number 2  
[ 29.608527] ohci\_hcd 0000:00:02.0: irq 22, io mem 0xfe02f000  
[ 29.662626] PM: Adding info for usb:usb2  
[ 29.662667] PM: Adding info for No Bus:usbdev2.1\_ep00  
[ 29.662689] usb usb2: configuration #1 chosen from 1 choice  
[ 29.662802] PM: Adding info for usb:2-0:1.0  
[ 29.662825] hub 2-0:1.0: USB hub found  
[ 29.662938] hub 2-0:1.0: 10 ports detected  
[ 29.763821] PM: Adding info for No Bus:usbdev2.1\_ep81  
[ 29.763851] PM: Adding info for No Bus:usbdev2.1  
[ 29.763892] USB Universal Host Controller Interface driver v3.0  
[ 29.833724] usb 1-1: new high speed USB device using ehci\_hcd and address 2  
[ 29.958167] PM: Adding info for usb:1-1  
[ 29.958206] PM: Adding info for No Bus:usbdev1.2\_ep00  
[ 29.958228] usb 1-1: configuration #1 chosen from 1 choice  
[ 29.958541] PM: Adding info for usb:1-1:1.0  
[ 29.958566] hub 1-1:1.0: USB hub found  
[ 29.958912] hub 1-1:1.0: 4 ports detected  
[ 30.063444] PM: Adding info for No Bus:usbdev1.2\_ep81  
[ 30.063475] PM: Adding info for No Bus:usbdev1.2  
[ 30.250171] usb 1-1.3: new low speed USB device using ehci\_hcd and address 3  
[ 30.338436] PM: Adding info for usb:1-1.3  
[ 30.338473] PM: Adding info for No Bus:usbdev1.3\_ep00  
[ 30.338501] usb 1-1.3: configuration #1 chosen from 1 choice  
[ 30.338938] PM: Adding info for usb:1-1.3:1.0  
[ 30.338971] PM: Adding info for No Bus:usbdev1.3\_ep81

[ 30.339000] PM: Adding info for No Bus:usbdev1.3  
[ 30.526445] usb 1-1.4: new low speed USB device using ehci\_hcd and address 4  
[ 30.616586] PM: Adding info for usb:1-1.4  
[ 30.616621] PM: Adding info for No Bus:usbdev1.4\_ep00  
[ 30.616645] usb 1-1.4: configuration #1 chosen from 1 choice  
[ 30.617209] PM: Adding info for usb:1-1.4:1.0  
[ 30.617242] PM: Adding info for No Bus:usbdev1.4\_ep81  
[ 30.617271] PM: Adding info for No Bus:usbdev1.4  
[ 30.617588] usbcore: registered new interface driver usblp  
[ 30.617696] drivers/usb/class/usblp.c: v0.13: USB Printer Device Class driver  
[ 30.620360] input: Logitech USB-PS/2 Optical Mouse as /class/input/input2  
[ 30.620470] input: USB HID v1.10 Mouse [Logitech USB-PS/2 Optical Mouse] on usb-0000:00:02.1-1.3  
[ 30.625089] input: HID 046a:0001 as /class/input/input3  
[ 30.625205] input: USB HID v1.00 Keyboard [HID 046a:0001] on usb-0000:00:02.1-1.4  
[ 30.625443] usbcore: registered new interface driver usbhid  
[ 30.625551] drivers/usb/input/hid-core.c: v2.6:USB HID core driver  
[ 30.625708] PNP: PS/2 Controller [PNP0303:PS2K] at 0x60,0x64 irq 1  
[ 30.625816] PNP: PS/2 controller doesn't have AUX irq; using default 12  
[ 30.625948] PM: Adding info for platform:i8042  
[ 30.626142] serio: i8042 KBD port at 0x60,0x64 irq 1  
[ 30.626255] PM: Adding info for serio:serio0  
[ 30.626267] serio: i8042 AUX port at 0x60,0x64 irq 12  
[ 30.626404] PM: Adding info for serio:serio1  
[ 30.626461] PM: Adding info for No Bus:psaux  
[ 30.626478] mice: PS/2 mouse device common for all mice  
[ 30.646578] input: AT Translated Set 2 keyboard as /class/input/input4  
[ 30.702726] i2c /dev entries driver  
[ 30.702867] PM: Adding info for No Bus:i2c-9191  
[ 30.702921] PM: Adding info for No Bus:i2c-0  
[ 30.702950] PM: Adding info for No Bus:i2c-0  
[ 30.702969] i2c\_adapter i2c-0: nForce2 SMBus adapter at 0x1c00  
[ 30.703080] PM: Adding info for No Bus:i2c-1  
[ 30.703104] PM: Adding info for No Bus:i2c-1  
[ 30.703123] i2c\_adapter i2c-1: nForce2 SMBus adapter at 0x1c40  
[ 30.703273] it87: Found IT8716F chip at 0x290, revision 0  
[ 30.703386] it87: in3 is VCC (+5V)  
[ 30.709361] it87: in7 is VCCH (+5V Stand-By)  
[ 30.709502] PM: Adding info for i2c:9191-0290  
[ 30.709701] md: raid1 personality registered for level 1  
[ 30.709841] PM: Adding info for No Bus:device-mapper  
[ 30.709864] device-mapper: ioctl: 4.11.0-ioctl (2006-10-12) initialised: dm-devel@xxxxxxxxxxx  
[ 30.710112] Bluetooth: HCI USB driver ver 2.9  
[ 30.710245] usbcore: registered new interface driver hci\_usb  
[ 30.710353] Bluetooth: HCI UART driver ver 2.2  
[ 30.710460] Bluetooth: HCI H4 protocol initialized  
[ 30.710566] Bluetooth: HCI BCSP protocol initialized  
[ 30.710699] Advanced Linux Sound Architecture Driver Version 1.0.14rc3 (Wed Mar 14 07:25:50 2007 UTC).  
[ 30.710902] PM: Adding info for No Bus:timer  
[ 30.710936] PM: Adding info for No Bus:sequencer  
[ 30.710961] PM: Adding info for No Bus:sequencer2

[ 30.711030] PM: Adding info for No Bus:seq  
[ 30.711059] ALSA device list:  
[ 30.711165] No soundcards found.  
[ 30.711286] GACT probability on  
[ 30.711393] Mirror/redirect action on  
[ 30.711529] PM: Adding info for No Bus:teql0  
[ 30.711566] u32 classifier  
[ 30.711672] Performance counters on  
[ 30.711778] input device check on  
[ 30.711884] Actions configured  
[ 30.711996] IPv4 over IPv4 tunneling driver  
[ 30.712124] PM: Adding info for No Bus:tunl0  
[ 30.712187] ip\_tables: (C) 2000-2006 Netfilter Core Team  
[ 30.712315] TCP bic registered  
[ 30.712421] TCP cubic registered  
[ 30.712527] TCP westwood registered  
[ 30.712640] TCP htcp registered  
[ 30.712746] TCP vegas registered  
[ 30.712852] Initializing XFRM netlink socket  
[ 30.712966] NET: Registered protocol family 1  
[ 30.713105] NET: Registered protocol family 10  
[ 30.713314] IPv6 over IPv4 tunneling driver  
[ 30.713441] PM: Adding info for No Bus:sit0  
[ 30.713506] PM: Adding info for No Bus:ip6tnl0  
[ 30.713543] NET: Registered protocol family 17  
[ 30.713651] NET: Registered protocol family 15  
[ 30.713767] Bridge firewalling registered  
[ 30.713876] Bluetooth: L2CAP ver 2.8  
[ 30.713982] Bluetooth: L2CAP socket layer initialized  
[ 30.714089] Bluetooth: SCO (Voice Link) ver 0.5  
[ 30.714195] Bluetooth: SCO socket layer initialized  
[ 30.714308] Bluetooth: RFCOMM socket layer initialized  
[ 30.714423] Bluetooth: RFCOMM TTY layer initialized  
[ 30.714529] Bluetooth: RFCOMM ver 1.8  
[ 30.714636] Bluetooth: BNEP (Ethernet Emulation) ver 1.2  
[ 30.714742] Bluetooth: HIDP (Human Interface Emulation) ver 1.2  
[ 30.714885] 802.1Q VLAN Support v1.8 Ben Greear <greearb@xxxxxxxxxxxxxxxx>  
[ 30.714992] All bugs added by David S. Miller <davem@xxxxxxxx>  
[ 30.715105] powernow-k8: Found 1 AMD Athlon(tm) 64 Processor 3200+ processors (version 2.00.00)  
[ 30.715324] powernow-k8: 0 : fid 0xc (2000 MHz), vid 0x8  
[ 30.715432] powernow-k8: 1 : fid 0xa (1800 MHz), vid 0xa  
[ 30.715539] powernow-k8: 2 : fid 0x2 (1000 MHz), vid 0x12  
[ 30.715754] swsusp: Resume From Partition /dev/sda6  
[ 30.715756] PM: Checking swsusp image.  
[ 30.715949] PM: Resume from disk failed.  
[ 30.819186] md: Autodetecting RAID arrays.  
[ 30.819294] md: autorun ...  
[ 30.819399] md: ... autorun DONE.  
[ 30.829761] EXT3-fs: INFO: recovery required on readonly filesystem.  
[ 30.829869] EXT3-fs: write access will be enabled during recovery.  
[ 30.860582] kjournald starting. Commit interval 5 seconds

[ 30.860700] EXT3-fs: recovery complete.  
[ 30.861073] EXT3-fs: mounted filesystem with ordered data mode.  
[ 30.861228] VFS: Mounted root (ext3 filesystem) readonly.  
[ 30.861375] Freeing unused kernel memory: 208k freed  
[ 30.883158] PM: Adding info for No Bus:vcs1  
[ 30.899901] PM: Adding info for No Bus:vcsa1  
[ 31.159329] PM: Removing info for No Bus:vcs1  
[ 31.159379] PM: Removing info for No Bus:vcsa1  
[ 31.159420] PM: Adding info for No Bus:vcs1  
[ 31.159444] PM: Adding info for No Bus:vcsa1  
[ 31.159478] PM: Removing info for No Bus:vcs1  
[ 31.159499] PM: Removing info for No Bus:vcsa1  
[ 31.188358] PM: Adding info for No Bus:vcs1  
[ 31.188381] PM: Adding info for No Bus:vcsa1  
[ 31.188433] PM: Removing info for No Bus:vcs1  
[ 31.188453] PM: Removing info for No Bus:vcsa1  
[ 31.188481] PM: Adding info for No Bus:vcs1  
[ 31.188502] PM: Adding info for No Bus:vcsa1  
[ 31.188548] PM: Removing info for No Bus:vcs1  
[ 31.188568] PM: Removing info for No Bus:vcsa1  
[ 31.188597] PM: Adding info for No Bus:vcs1  
[ 31.188619] PM: Adding info for No Bus:vcsa1  
[ 31.188772] PM: Removing info for No Bus:vcs1  
[ 31.188794] PM: Removing info for No Bus:vcsa1  
[ 31.211795] PM: Adding info for No Bus:vcs1  
[ 31.211876] PM: Adding info for No Bus:vcsa1  
[ 32.566267] pata\_amd 0000:00:04.0: version 0.2.8  
[ 32.566290] PCI: Setting latency timer of device 0000:00:04.0 to 64  
[ 32.566332] ata3: PATA max UDMA/133 cmd 0x00000000000101f0 ctl 0x00000000000103f6 bmdma  
0x000000000001f000 irq 14  
[ 32.566553] ata4: PATA max UDMA/133 cmd 0x0000000000010170 ctl 0x0000000000010376 bmdma  
0x000000000001f008 irq 15  
[ 32.566764] scsi2 : pata\_amd  
[ 32.566876] PM: Adding info for No Bus:host2  
[ 32.701244] forcedeth.c: Reverse Engineered nForce ethernet driver. Version 0.60.  
[ 33.039833] ata3.00: ATAPI, max UDMA/33  
[ 33.039946] ata3.01: ATAPI, max UDMA/66  
[ 33.199628] ata3.00: configured for UDMA/33  
[ 33.359447] ata3.01: configured for UDMA/66  
[ 33.359559] scsi3 : pata\_amd  
[ 33.359676] PM: Adding info for No Bus:host3  
[ 33.359712] ata4: port disabled. ignoring.  
[ 33.359735] PM: Adding info for No Bus:target2:0:0  
[ 33.360529] scsi 2:0:0:0: CD-ROM \_NEC DVD\_RW ND-3500AG 2.1A PQ: 0 ANSI: 5  
[ 33.360737] PM: Adding info for scsi:2:0:0:0  
[ 33.363592] sr0: scsi3-mmc drive: 48x/48x writer cd/rw xa/form2 cdda tray  
[ 33.363702] Uniform CD-ROM driver Revision: 3.20  
[ 33.363844] sr 2:0:0:0: Attached scsi CD-ROM sr0  
[ 33.363873] sr 2:0:0:0: Attached scsi generic sg1 type 5  
[ 33.363997] PM: Adding info for No Bus:target2:0:1  
[ 33.365150] scsi 2:0:1:0: CD-ROM PIONEER DVD-ROM DVD-106 1.22 PQ: 0 ANSI: 5

[ 33.365358] PM: Adding info for scsi:2:0:1:0  
[ 33.369396] sr1: scsi3-mmc drive: 40x/40x cd/rw xa/form2 cdda tray  
[ 33.369551] sr 2:0:1:0: Attached scsi CD-ROM sr1  
[ 33.369578] sr 2:0:1:0: Attached scsi generic sg2 type 5  
[ 33.370221] ACPI: PCI Interrupt Link [APCH] enabled at IRQ 21  
[ 33.370331] IOAPIC[0]: Set routing entry (2-21 -> 0x99 -> IRQ 21 Mode:1 Active:1)  
[ 33.370338] ACPI: PCI Interrupt 0000:00:08.0[A] -> Link [APCH] -> GSI 21 (level, low) -> IRQ 21  
[ 33.370573] PCI: Setting latency timer of device 0000:00:08.0 to 64  
[ 33.370580] forcedeth: using HIGHDMA  
[ 33.885522] PM: Adding info for No Bus:eth0  
[ 33.885596] eth0: forcedeth.c: subsystem: 01043:8239 bound to 0000:00:08.0  
[ 33.886148] ACPI: PCI Interrupt Link [AMC1] enabled at IRQ 20  
[ 33.886258] IOAPIC[0]: Set routing entry (2-20 -> 0xa1 -> IRQ 20 Mode:1 Active:1)  
[ 33.886265] ACPI: PCI Interrupt 0000:00:09.0[A] -> Link [AMC1] -> GSI 20 (level, low) -> IRQ 20  
[ 33.886499] PCI: Setting latency timer of device 0000:00:09.0 to 64  
[ 33.886506] forcedeth: using HIGHDMA  
[ 34.401518] PM: Adding info for No Bus:eth1  
[ 34.401647] eth1: forcedeth.c: subsystem: 01043:8239 bound to 0000:00:09.0  
[ 34.416194] gameport: EMU10K1 is pci0000:01:08.1/gameport0, io 0xd400, speed 1200kHz  
[ 34.416390] PM: Adding info for gameport:gameport0  
[ 34.417079] ACPI: PCI Interrupt Link [APC3] enabled at IRQ 18  
[ 34.417191] IOAPIC[0]: Set routing entry (2-18 -> 0xa9 -> IRQ 18 Mode:1 Active:1)  
[ 34.417197] ACPI: PCI Interrupt 0000:01:08.0[A] -> Link [APC3] -> GSI 18 (level, low) -> IRQ 18  
[ 34.417438] ALSA sound/pci/emu10k1/emu10k1\_main.c:1536: vendor=0x1102, device=0x2,  
subsystem\_vendor\_id=0x80641102, subsystem\_id=0x8064  
[ 34.417654] ALSA sound/pci/emu10k1/emu10k1\_main.c:1561: Sound card name=SB Live 5.1  
[ 34.455639] PM: Adding info for No Bus:card0  
[ 34.455796] PM: Adding info for No Bus:hwC0D0  
[ 34.455884] PM: Adding info for No Bus:midiC0D0  
[ 34.455978] PM: Adding info for No Bus:midi  
[ 34.456062] PM: Adding info for No Bus:dmmidi  
[ 34.456170] PM: Adding info for No Bus:pcmC0D3p  
[ 34.456260] PM: Adding info for ac97:0-0:EM28028  
[ 34.456348] PM: Adding info for No Bus:pcmC0D2p  
[ 34.456446] PM: Adding info for No Bus:pcmC0D2c  
[ 34.456533] PM: Adding info for No Bus:pcmC0D1c  
[ 34.456624] PM: Adding info for No Bus:adsp  
[ 34.456710] PM: Adding info for No Bus:pcmC0D0p  
[ 34.456847] PM: Adding info for No Bus:pcmC0D0c  
[ 34.456940] PM: Adding info for No Bus:dsp  
[ 34.457028] PM: Adding info for No Bus:audio  
[ 34.457124] PM: Adding info for No Bus:controlC0  
[ 34.457218] PM: Adding info for No Bus:mixer  
[ 34.539345] PM: Adding info for No Bus:hwC0D2  
[ 34.539538] PM: Adding info for No Bus:midiC0D1  
[ 34.539632] PM: Adding info for No Bus:amidi  
[ 34.539731] PM: Adding info for No Bus:admmidi  
[ 34.539835] PM: Adding info for No Bus:midiC0D2  
[ 34.772127] Adding 1951856k swap on /dev/sda6. Priority:-1 extents:1 across:1951856k  
[ 34.933395] EXT3 FS on sda5, internal journal  
[ 277.287851] kjournald starting. Commit interval 5 seconds

[ 277.287861] EXT3-fs: mounted filesystem with ordered data mode.  
[ 277.330600] kjournald starting. Commit interval 5 seconds  
[ 277.330809] EXT3 FS on dm-2, internal journal  
[ 277.330814] EXT3-fs: mounted filesystem with ordered data mode.  
[ 277.354019] kjournald starting. Commit interval 5 seconds  
[ 277.354195] EXT3 FS on dm-1, internal journal  
[ 277.354199] EXT3-fs: mounted filesystem with ordered data mode.  
[ 277.374442] kjournald starting. Commit interval 5 seconds  
[ 277.374452] EXT3-fs warning: maximal mount count reached, running e2fsck is recommended  
[ 277.374718] EXT3 FS on dm-3, internal journal  
[ 277.374723] EXT3-fs: mounted filesystem with ordered data mode.  
[ 277.391612] ReiserFS: dm-4: found reiserfs format "3.6" with standard journal  
[ 277.391622] ReiserFS: dm-4: using ordered data mode  
[ 277.395450] ReiserFS: dm-4: journal params: device dm-4, size 8192, journal first block 18, max trans len 1024, max batch 900, max commit age 30, max trans age 30  
[ 277.396587] ReiserFS: dm-4: checking transaction log (dm-4)  
[ 277.401411] ReiserFS: dm-4: replayed 1 transactions in 0 seconds  
[ 277.429313] ReiserFS: dm-4: Using r5 hash to sort names  
[ 282.425856] PM: Adding info for No Bus:vcs2  
[ 282.425955] PM: Adding info for No Bus:vcsa2  
[ 282.428330] PM: Removing info for No Bus:vcs2  
[ 282.428427] PM: Removing info for No Bus:vcsa2  
[ 282.430460] PM: Adding info for No Bus:vcs3  
[ 282.430553] PM: Adding info for No Bus:vcsa3  
[ 282.432965] PM: Removing info for No Bus:vcs3  
[ 282.433062] PM: Removing info for No Bus:vcsa3  
[ 282.435168] PM: Adding info for No Bus:vcs4  
[ 282.435261] PM: Adding info for No Bus:vcsa4  
[ 282.437625] PM: Removing info for No Bus:vcs4  
[ 282.437722] PM: Removing info for No Bus:vcsa4  
[ 282.439812] PM: Adding info for No Bus:vcs5  
[ 282.439904] PM: Adding info for No Bus:vcsa5  
[ 282.442340] PM: Removing info for No Bus:vcs5  
[ 282.442435] PM: Removing info for No Bus:vcsa5  
[ 282.444457] PM: Adding info for No Bus:vcs6  
[ 282.444551] PM: Adding info for No Bus:vcsa6  
[ 282.446930] PM: Removing info for No Bus:vcs6  
[ 282.447026] PM: Removing info for No Bus:vcsa6  
[ 284.642859] PM: Removing info for No Bus:vcs1  
[ 284.642968] PM: Removing info for No Bus:vcsa1  
[ 284.661395] PM: Adding info for No Bus:vcs1  
[ 284.661475] PM: Adding info for No Bus:vcsa1  
[ 284.661979] PM: Removing info for No Bus:vcs1  
[ 284.661998] PM: Removing info for No Bus:vcsa1  
[ 284.662030] PM: Adding info for No Bus:vcs1  
[ 284.662042] PM: Adding info for No Bus:vcsa1  
[ 284.662078] PM: Removing info for No Bus:vcs1  
[ 284.662088] PM: Removing info for No Bus:vcsa1  
[ 284.662109] PM: Adding info for No Bus:vcs1  
[ 284.662119] PM: Adding info for No Bus:vcsa1  
[ 284.662258] PM: Removing info for No Bus:vcs1

[ 284.662269] PM: Removing info for No Bus:vcsa1  
[ 284.662478] PM: Adding info for No Bus:vcs1  
[ 284.662490] PM: Adding info for No Bus:vcsa1  
[ 284.679513] Time: hpet clocksource has been installed.  
[ 286.823474] eth0: no IPv6 routers present  
[ 289.929349] PM: Removing info for No Bus:vcs1  
[ 289.929635] PM: Removing info for No Bus:vcsa1  
[ 289.931686] PM: Adding info for No Bus:vcs1  
[ 289.931817] PM: Adding info for No Bus:vcsa1  
[ 289.947635] PM: Adding info for No Bus:vcs2  
[ 289.947893] PM: Adding info for No Bus:vcsa2  
[ 289.949695] PM: Adding info for No Bus:vcs3  
[ 289.949895] PM: Adding info for No Bus:vcsa3  
[ 289.952890] PM: Adding info for No Bus:vcs4  
[ 289.953090] PM: Adding info for No Bus:vcsa4  
[ 289.955559] PM: Adding info for No Bus:vcs5  
[ 289.955764] PM: Adding info for No Bus:vcsa5  
[ 289.958596] PM: Adding info for No Bus:vcs6  
[ 289.958800] PM: Adding info for No Bus:vcsa6  
[ 294.376450] PM: Adding info for No Bus:vcs7  
[ 294.376663] PM: Adding info for No Bus:vcsa7  
[ 294.646022] [drm] Initialized drm 1.1.0 20060810  
[ 294.657451] ACPI: PCI Interrupt Link [APC6] enabled at IRQ 16  
[ 294.657577] ACPI: PCI Interrupt 0000:07:00.0[A] -> Link [APC6] -> GSI 16 (level, low) -> IRQ 16  
[ 294.658757] [drm] Initialized radeon 1.25.0 20060524 on minor 0  
[ 302.092400] [drm] Setting GART location based on new memory map  
[ 302.092695] [drm] Loading R300 Microcode  
[ 302.092841] [drm] writeback test succeeded in 1 usecs  
[ 341.218604] nfs: server nukunuku not responding, still trying  
[ 342.317217] nfs: server nukunuku not responding, still trying  
[ 343.415831] nfs: server nukunuku not responding, still trying  
[ 345.613057] nfs: server nukunuku not responding, still trying  
[ 360.922130] device eth0 entered promiscuous mode  
[ 364.576039] device eth0 left promiscuous mode  
[ 365.717731] device eth0 entered promiscuous mode  
[ 365.722746] device eth0 left promiscuous mode  
[ 368.162977] device eth0 entered promiscuous mode  
[ 380.348279] eth0: link down.  
[ 382.557492] eth0: link up.  
[ 382.966752] nfs: server nukunuku OK  
[ 382.967010] nfs: server nukunuku OK  
[ 382.967044] nfs: server nukunuku OK  
[ 382.967134] nfs: server nukunuku OK  
[ 394.784776] device eth0 left promiscuous mode  
[ 7849.828098] usb 2-2: new full speed USB device using ohci\_hcd and address 2  
[ 7849.905471] PM: Adding info for usb:2-2  
[ 7849.905520] PM: Adding info for No Bus:usbdev2.2\_ep00  
[ 7849.905536] usb 2-2: configuration #1 chosen from 1 choice  
[ 7849.906976] PM: Adding info for usb:2-2:1.0  
[ 7849.908477] PM: Adding info for No Bus:usbdev2.2\_ep01  
[ 7849.908507] PM: Adding info for No Bus:usbdev2.2\_ep81

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[ 7849.909977] PM: Adding info for No Bus:lp0  
[ 7849.909994] drivers/usb/class/usblp.c: usblp0: USB Bidirectional printer dev 2 if 0 alt 1 proto 2 vid 0x03F0 pid 0x0217  
[ 7849.910013] PM: Adding info for No Bus:usbdev2.2  
[ 7904.191923] usb 2-2: USB disconnect, address 2  
[ 7904.191940] PM: Removing info for No Bus:usbdev2.2\_ep01  
[ 7904.191970] PM: Removing info for No Bus:usbdev2.2\_ep81  
[ 7904.191994] PM: Removing info for No Bus:lp0  
[ 7904.192012] drivers/usb/class/usblp.c: usblp0: removed  
[ 7904.192015] PM: Removing info for usb:2-2:1.0  
[ 7904.192042] PM: Removing info for No Bus:usbdev2.2  
[ 7904.192060] PM: Removing info for No Bus:usbdev2.2\_ep00  
[ 7904.192079] PM: Removing info for usb:2-2  
[10229.850044] PM: suspend-to-disk mode set to 'platform'  
[10232.599995] Stopping tasks ... done.  
[10232.607971] Shrinking memory... -\|/-\|/ done (52506 pages freed)  
[10233.144153] Freed 210024 kbytes in 0.53 seconds (396.27 MB/s)  
[10233.144849] ac97 0-0:EM28028: freeze  
[10233.144878] sr 2:0:1:0: freeze  
[10233.144920] sr 2:0:0:0: freeze  
[10233.144950] it87-isa 9191-0290: freeze  
[10233.144974] serio serio1: freeze  
[10233.144997] atkbd serio0: freeze  
[10233.145020] i8042 i8042: freeze  
[10233.145043] usbhid 1-1.4:1.0: freeze  
[10233.145066] usb 1-1.4: freeze  
[10233.145097] usbhid 1-1.3:1.0: freeze  
[10233.145120] usb 1-1.3: freeze  
[10233.145143] hub 1-1:1.0: freeze  
[10233.145166] usb 1-1: freeze  
[10233.145246] hub 2-0:1.SnáüëoAr )(UĈ\_ÓÃÈg\%oĈfD~Y

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