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00000000000i[ ] Bochs x86 Emulator 2.4.6
00000000000i[ ]   Build from CVS snapshot, on February 22, 2011
00000000000i[ ]   Compiled at Jun  8 2013, 05:16:04
00000000000i[ ]   System configuration
00000000000i[ ]     processors: 1 (cores=1, HT threads=1)
00000000000i[ ]     A20 line support: yes
00000000000i[ ]   CPU configuration
00000000000i[ ]     level: 6
00000000000i[ ]     SMP support: no
00000000000i[ ]     APIC support: yes
00000000000i[ ]     FPU support: yes
00000000000i[ ]     MMX support: yes
00000000000i[ ]     3dnow! support: no
00000000000i[ ]     SEP support: yes
00000000000i[ ]     SSE support: sse2
00000000000i[ ]     XSAVE support: no
00000000000i[ ]     AES support: no
00000000000i[ ]     MOVBE support: no
00000000000i[ ]     x86-64 support: yes
00000000000i[ ]     1G paging support: no
00000000000i[ ]     VMX support: no
00000000000i[ ]   Optimization configuration
00000000000i[ ]     RepeatSpeedups support: yes
00000000000i[ ]     Trace cache support: yes
00000000000i[ ]     Fast function calls: yes
00000000000i[ ]   Devices configuration
00000000000i[ ]     ACPI support: yes
00000000000i[ ]     NE2000 support: yes
00000000000i[ ]     PCI support: yes, enabled=yes
00000000000i[ ]     SB16 support: yes
00000000000i[ ]     USB support: yes
00000000000i[ ]     VGA extension support: vbe
00000000000i[MEM0] allocated memory at 0x2b6e65dcb010. after alignment, vector=0x2b6e65dcc000
00000000000i[MEM0] 32.00MB
00000000000i[MEM0] mem block size = 0x00100000, blocks=32
00000000000i[MEM0] rom at 0xffffe0000/131072 ('/usr/share/bochs/BIOS-bochs-latest')
00000000000i[MEM0] rom at 0xc0000/41472 ('/usr/share/bochs/VGABIOS-lgpl-latest')
00000000000i[VTIME] using 'realtime pit' synchronization method
00000000000i[ ] lt_dlhandle is 0x3a0eb10
00000000000i[PLGIN] loaded plugin libbx_cmos.so
00000000000i[ ] lt_dlhandle is 0x3a0f530
00000000000i[PLGIN] loaded plugin libbx_dma.so
00000000000i[ ] lt_dlhandle is 0x3a0ff90
00000000000i[PLGIN] loaded plugin libbx_pic.so
00000000000i[ ] lt_dlhandle is 0x3a107d0
00000000000i[PLGIN] loaded plugin libbx_pit.so
00000000000i[ ] lt_dlhandle is 0x3a11140
00000000000i[PLGIN] loaded plugin libbx_vga.so
00000000000i[ ] lt_dlhandle is 0x3a118a0
00000000000i[PLGIN] loaded plugin libbx_hdimage.so
00000000000i[ ] lt_dlhandle is 0x3a121a0
00000000000i[PLGIN] loaded plugin libbx_floppy.so
00000000000i[ ] lt_dlhandle is 0x3a12d60
00000000000i[PLGIN] loaded plugin libbx_soundmod.so
00000000000i[ ] lt_dlhandle is 0x3a13610
00000000000i[PLGIN] loaded plugin libbx_pci.so
00000000000i[ ] lt_dlhandle is 0x3a141d0
00000000000i[PLGIN] loaded plugin libbx_pci2isa.so
00000000000i[ ] lt_dlhandle is 0x3a14b10
00000000000i[PLGIN] loaded plugin libbx_usb_common.so
00000000000i[ ] lt_dlhandle is 0x3a153b0
00000000000i[PLGIN] loaded plugin libbx_unmapped.so
00000000000i[ ] lt_dlhandle is 0x3a15c30
00000000000i[PLGIN] loaded plugin libbx_biosdev.so
00000000000i[ ] lt_dlhandle is 0x3a16600
00000000000i[PLGIN] loaded plugin libbx_speaker.so
00000000000i[ ] lt_dlhandle is 0x3a16d90
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00000000000i[PLGIN] loaded plugin libbx_extfpuirq.so
00000000000i[      ] lt_dlhandle is 0x3a17610
00000000000i[PLGIN] loaded plugin libbx_gameport.so
00000000000i[      ] lt_dlhandle is 0x3a17fa0
00000000000i[PLGIN] loaded plugin libbx_pci_ide.so
00000000000i[      ] lt_dlhandle is 0x3a18980
00000000000i[PLGIN] loaded plugin libbx_acpi.so
00000000000i[      ] lt_dlhandle is 0x3a192c0
00000000000i[PLGIN] loaded plugin libbx_ioapic.so
00000000000i[      ] lt_dlhandle is 0x3a19c70
00000000000i[PLGIN] loaded plugin libbx_keyboard.so
00000000000i[      ] lt_dlhandle is 0x3a1a480
00000000000i[PLGIN] loaded plugin libbx_harddrv.so
00000000000i[      ] lt_dlhandle is 0x3a2c560
00000000000i[PLGIN] loaded plugin libbx_serial.so
00000000000i[      ] lt_dlhandle is 0x3a2d3e0
00000000000i[PLGIN] loaded plugin libbx_parallel.so
00000000000i[CMOS ] Using local time for initial clock
00000000000i[CMOS ] Setting initial clock to: Thu Feb 12 17:40:41 2015 (time0=1423791641)
00000000000i[DMA ] channel 4 used by cascade
00000000000i[DMA ] channel 2 used by Floppy Drive
00000000000i[PCI ] 440FX Host bridge present at device 0, function 0
00000000000i[PCI ] PIIX3 PCI-to-ISA bridge present at device 1, function 0
00000000000i[VGA ] interval=50000
00000000000i[MEM0 ] Register memory access handlers: 0x00000000000a0000 - 0x00000000000bffff
00000000000i[MEM0 ] Register memory access handlers: 0x00000000000e000000 - 0x00000000000effffff
00000000000i[VGA ] VBE Bochs Display Extension Enabled
00000000000i[PLGIN] init_dev of 'unmapped' plugin device by virtual method
00000000000i[PLGIN] init_dev of 'biosdev' plugin device by virtual method
00000000000i[PLGIN] init_dev of 'speaker' plugin device by virtual method
00000000000i[SPEAK] Failed to open /dev/console: Resource temporarily unavailable
00000000000i[SPEAK] Deactivating beep on console
00000000000i[PLGIN] init_dev of 'extfpuirq' plugin device by virtual method
00000000000i[PLGIN] init_dev of 'gameport' plugin device by virtual method
00000000000i[PLGIN] init_dev of 'pci_ide' plugin device by virtual method
00000000000i[PCI ] PIIX3 PCI IDE controller present at device 1, function 1
00000000000i[PLGIN] init_dev of 'acpi' plugin device by virtual method
00000000000i[PCI ] ACPI Controller present at device 1, function 3
00000000000i[PLGIN] init_dev of 'ioapic' plugin device by virtual method
00000000000i[IOAP ] initializing I/O APIC
00000000000i[MEM0 ] Register memory access handlers: 0x00000000fec00000 - 0x00000000fec00fff
00000000000i[PLGIN] init_dev of 'keyboard' plugin device by virtual method
00000000000i[KBD ] will paste characters every 1000 keyboard ticks
00000000000i[PLGIN] init_dev of 'harddrv' plugin device by virtual method
00000000000i[HD ] CD on ata0-0: 'os.iso'
00000000000i[CD1 ] load cdrom with path=os.iso
00000000000i[CD1 ] Opening image file as a cd.
00000000000i[HD ] Media present in CD-ROM drive
00000000000i[HD ] Capacity is 237 sectors (0.46 MB)
00000000000i[HD ] Using boot sequence cdrom, none, none
00000000000i[HD ] Floppy boot signature check is enabled
00000000000i[PLGIN] init_dev of 'serial' plugin device by virtual method
00000000000i[SER ] com1 at 0x03f8 irq 4
00000000000i[PLGIN] init_dev of 'parallel' plugin device by virtual method
00000000000i[PAR ] parallel port 1 at 0x0378 irq 7
00000000000i[PLGIN] register state of 'unmapped' plugin device by virtual method
00000000000i[PLGIN] register state of 'biosdev' plugin device by virtual method
00000000000i[PLGIN] register state of 'speaker' plugin device by virtual method
00000000000i[PLGIN] register state of 'extfpuirq' plugin device by virtual method
00000000000i[PLGIN] register state of 'gameport' plugin device by virtual method
00000000000i[PLGIN] register state of 'pci_ide' plugin device by virtual method
00000000000i[PLGIN] register state of 'acpi' plugin device by virtual method
00000000000i[PLGIN] register state of 'ioapic' plugin device by virtual method
00000000000i[PLGIN] register state of 'keyboard' plugin device by virtual method
00000000000i[PLGIN] register state of 'harddrv' plugin device by virtual method
00000000000i[PLGIN] register state of 'serial' plugin device by virtual method
00000000000i[PLGIN] register state of 'parallel' plugin device by virtual method
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00000000000i[SYS ] bx_pc_system_c::Reset(HARDWARE) called
00000000000i[CPU0 ] cpu hardware reset
00000000000i[APIC0] allocate APIC id=0 (MMIO enabled) to 0x00000000fee00000
00000000000i[CPU0 ] CPUID[0x00000000]: 00000003 756e6547 6c65746e 49656e69
00000000000i[CPU0 ] CPUID[0x00000001]: 00000f23 00000800 00002000 07cbfbff
00000000000i[CPU0 ] CPUID[0x00000002]: 00410601 00000000 00000000 00000000
00000000000i[CPU0 ] CPUID[0x00000003]: 00000000 00000000 00000000 00000000
00000000000i[CPU0 ] CPUID[0x00000004]: 00000000 00000000 00000000 00000000
00000000000i[CPU0 ] CPUID[0x00000007]: 00000000 00000000 00000000 00000000
00000000000i[CPU0 ] CPUID[0x80000000]: 80000008 00000000 00000000 00000000
00000000000i[CPU0 ] CPUID[0x80000001]: 00000000 00000000 00000001 2a100800
00000000000i[CPU0 ] CPUID[0x80000002]: 20202020 20202020 20202020 6e492020
00000000000i[CPU0 ] CPUID[0x80000003]: 286c6574 50202952 69746e65 52286d75
00000000000i[CPU0 ] CPUID[0x80000004]: 20342029 20555043 20202020 00202020
00000000000i[CPU0 ] CPUID[0x80000006]: 00000000 42004200 02008140 00000000
00000000000i[CPU0 ] CPUID[0x80000007]: 00000000 00000000 00000000 00000000
00000000000i[CPU0 ] CPUID[0x80000008]: 00003028 00000000 00000000 00000000
00000000000i[PLGIN] reset of 'unmapped' plugin device by virtual method
00000000000i[PLGIN] reset of 'biosdev' plugin device by virtual method
00000000000i[PLGIN] reset of 'speaker' plugin device by virtual method
00000000000i[PLGIN] reset of 'extfpuirq' plugin device by virtual method
00000000000i[PLGIN] reset of 'gameport' plugin device by virtual method
00000000000i[PLGIN] reset of 'pci_ide' plugin device by virtual method
00000000000i[PLGIN] reset of 'acpi' plugin device by virtual method
00000000000i[PLGIN] reset of 'ioapic' plugin device by virtual method
00000000000i[PLGIN] reset of 'keyboard' plugin device by virtual method
00000000000i[PLGIN] reset of 'harddrv' plugin device by virtual method
00000000000i[PLGIN] reset of 'serial' plugin device by virtual method
00000000000i[PLGIN] reset of 'parallel' plugin device by virtual method
00000003305i[BIOS ] $Revision: 1.257 $ $Date: 2011/01/26 09:52:02 $
00000316560i[KBD ] reset-disable command received
00000444870i[VBIO$] VGABios $Id: vgabios.c,v 1.75 2011/10/15 14:07:21 vruppert Exp $
00000444941i[VGA ] VBE known Display Interface b0c0
00000444973i[VGA ] VBE known Display Interface b0c5
00000447898i[VBIO$] VBE Bios $Id: vbe.c,v 1.64 2011/07/19 18:25:05 vruppert Exp $
00000768014i[BIOS ] Starting rombios32
00000768452i[BIOS ] Shutdown flag 0
00000769036i[BIOS ] ram_size=0x02000000
00000769457i[BIOS ] ram_end=32MB
00000793015i[BIOS ] Found 1 cpu(s)
00000808863i[BIOS ] bios_table_addr: 0x000fb928 end=0x000fcc00
00000808957i[PCI ] 440FX PMC write to PAM register 59 (TLB Flush)
00001136654i[PCI ] 440FX PMC write to PAM register 59 (TLB Flush)
00001464582i[P2I ] PCI IRQ routing: PIRQA# set to 0x0b
00001464601i[P2I ] PCI IRQ routing: PIRQB# set to 0x09
00001464620i[P2I ] PCI IRQ routing: PIRQC# set to 0x0b
00001464639i[P2I ] PCI IRQ routing: PIRQD# set to 0x09
00001464649i[P2I ] write: ELCR2 = 0x0a
00001465420i[BIOS ] PIIX3/PIIX4 init: elcr=00 0a
00001473092i[BIOS ] PCI: bus=0 devfn=0x00: vendor_id=0x8086 device_id=0x1237 class=0x0600
00001475367i[BIOS ] PCI: bus=0 devfn=0x08: vendor_id=0x8086 device_id=0x7000 class=0x0601
00001477481i[BIOS ] PCI: bus=0 devfn=0x09: vendor_id=0x8086 device_id=0x7010 class=0x0101
00001477705i[PIDE] new BM-DMA address: 0xc000
00001478320i[BIOS ] region 4: 0x0000c000
00001480347i[BIOS ] PCI: bus=0 devfn=0x0b: vendor_id=0x8086 device_id=0x7113 class=0x0680
00001480576i[ACPI] new irq line = 11
00001480588i[ACPI] new irq line = 9
00001480613i[ACPI] new PM base address: 0xb000
00001480627i[ACPI] new SM base address: 0xb100
00001480655i[PCI ] setting SMRAM control register to 0x4a
00001644748i[CPU0] Enter to System Management Mode
00001644758i[CPU0] RSM: Resuming from System Management Mode
00001808779i[PCI ] setting SMRAM control register to 0x0a
00001817529i[BIOS ] MP table addr=0x000fba00 MPC table addr=0x000fb930 size=0xd0
00001819343i[BIOS ] SMBIOS table addr=0x000fba10
00001822498i[BIOS ] Firmware waking vector 0x1ff00cc
00001827422i[BIOS ] ACPI tables: RSDP addr=0x000fbb30 ACPI DATA addr=0x01ff0000 size=0x1f18
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00001827458i[PCI ] 440FX PMC write to PAM register 59 (TLB Flush)
00001828182i[BIOS ] bios_table_cur_addr: 0x000fbb54
00005709501i[BIOS ] IDE time out
00182022032i[BIOS ] Booting from 07c0:0000
00182125256i[BIOS ] int13_harddisk: function 41, unmapped device for ELDL=80
00182130032i[BIOS ] int13_harddisk: function 08, unmapped device for ELDL=80
00182134686i[BIOS ] *** int 15h function AX=00c0, BX=0000 not yet supported!
01314500000p[SDL ] >>PANIC<< POWER button turned off.
01314500000i[CPU0 ] CPU is in protected mode (active)
01314500000i[CPU0 ] CS.d_b = 32 bit
01314500000i[CPU0 ] SS.d_b = 32 bit
01314500000i[CPU0 ] EFER = 0x00000000
01314500000i[CPU0 ] | RAX=0000000000000000 RBX=000000000002cd80
01314500000i[CPU0 ] | RCX=0000000000000008 RDX=00000000000b03d5
01314500000i[CPU0 ] | RSP=0000000000010300 RBP=0000000000067ee0
01314500000i[CPU0 ] | RSI=0000000000002cef0 RDI=0000000000002cef1
01314500000i[CPU0 ] | R8=0000000000000000 R9=0000000000000000
01314500000i[CPU0 ] | R10=0000000000000000 R11=0000000000000000
01314500000i[CPU0 ] | R12=0000000000000000 R13=0000000000000000
01314500000i[CPU0 ] | R14=0000000000000000 R15=0000000000000000
01314500000i[CPU0 ] | IOPL=0 id vip vif ac vm rf nt of df if tf sf ZF af PF cf
01314500000i[CPU0 ] | SEG selector base limit G D
01314500000i[CPU0 ] | SEG sltr(index|ti|rpl) base limit G D
01314500000i[CPU0 ] | CS:0008( 0001| 0| 0) 00000000 ffffffff 1 1
01314500000i[CPU0 ] | DS:0010( 0002| 0| 0) 00000000 ffffffff 1 1
01314500000i[CPU0 ] | SS:0010( 0002| 0| 0) 00000000 ffffffff 1 1
01314500000i[CPU0 ] | ES:0010( 0002| 0| 0) 00000000 ffffffff 1 1
01314500000i[CPU0 ] | FS:0010( 0002| 0| 0) 00000000 ffffffff 1 1
01314500000i[CPU0 ] | GS:0010( 0002| 0| 0) 00000000 ffffffff 1 1
01314500000i[CPU0 ] | MSR_FS_BASE:0000000000000000
01314500000i[CPU0 ] | MSR_GS_BASE:0000000000000000
01314500000i[CPU0 ] | RIP=0000000000010001e (0000000000010001e)
01314500000i[CPU0 ] | CR0=0x60000011 CR2=0x0000000000000000
01314500000i[CPU0 ] | CR3=0x00000000 CR4=0x00000000
01314500000i[CPU0 ] 0x0000000000010001e>> jmp .-2 (0x0010001e) : EBFE
01314500000i[CMOS ] Last time is 1423792955 (Thu Feb 12 18:02:35 2015)
01314500000i[ ] restoring default signal behavior
01314500000i[CTRL ] quit_sim called with exit code 1

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