

Re: DRI seems to be broken

Source: <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/current/2006-05/msg00046.html>

- *From:* Peter Klett <peter@xxxxxxxx>
 - *Date:* Wed, 3 May 2006 11:46:21 +0200
-

On Wednesday 03 May 2006 03:13, Darren Pilgrim wrote:

Did you go through the entire source upgrade process? The entire upgrade process being:

1: cvsup src

```
# cd /usr/src
# make update
```

2: Read UPDATING and do any extra steps it may indicate.

not really I must confess, as you can see in my make.conf, I still haven't put the NO_XXX in src.conf (and translated them to WITHOUT_XXX knobs) The latest entry in my UPDATING is from 20060317.

3: Verify that your kernel config is still correct.

Hoped that, how can I verify that ?

```
4: /usr/src/usr.sbin/mergemaster/mergemaster.sh -p
5: make buildworld
6: make buildkernel
7: make installkernel
8: reboot to single user mode
9: make installworld
10: mergemaster
11: reboot
```

Actually I rebooted into single user mode, after make update, then

```
# make buildworld
# make kernel
# mergemaster -p (probably in /usr/sbin)
# make installworld
# mergemaster
# reboot
```

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dmesg, pciconf -vl, kernel config, your complete xorg.conf and the Xorg log file from the last run.

attached

hth Peter

May 3 11:23:06 schlepptop syslogd: kernel boot file is /boot/kernel/kernel

May 3 11:23:06 schlepptop kernel: Copyright (c) 1992-2006 The FreeBSD Project.

May 3 11:23:06 schlepptop kernel: Copyright (c) 1979, 1980, 1983, 1986, 1988, 1989, 1991, 1992, 1993, 1994

May 3 11:23:06 schlepptop kernel: The Regents of the University of California. All rights reserved.

May 3 11:23:06 schlepptop kernel: FreeBSD 7.0-CURRENT #11: Wed May 3 03:49:37 CEST 2006

May 3 11:23:06 schlepptop kernel: root@:/usr/obj/usr/src/sys/SCHLEPPTOP_CURRENT

May 3 11:23:06 schlepptop kernel: Timecounter "i8254" frequency 1193182 Hz quality 0

May 3 11:23:06 schlepptop kernel: CPU: Intel(R) Pentium(R) M processor 1.60GHz (1596.05-MHz 686-class CPU)

May 3 11:23:06 schlepptop kernel: Origin = "GenuineIntel" Id = 0x6d8 Stepping = 8

May 3 11:23:06 schlepptop kernel:

Features=0xafe9fbff<FPU,VME,DE,PSE,TSC,MSR,PAE,MCE,CX8,APIC,SEP,MTRR,PGE,MCA,CMOV,PAT,CLF

May 3 11:23:06 schlepptop kernel: Features2=0x180<EST,TM2>

May 3 11:23:06 schlepptop kernel: AMD Features=0x100000<NX>

May 3 11:23:06 schlepptop kernel: real memory = 535429120 (510 MB)

May 3 11:23:06 schlepptop kernel: avail memory = 514539520 (490 MB)

May 3 11:23:06 schlepptop kernel: acpi0: <PTLTD Ohlone00> on motherboard

May 3 11:23:06 schlepptop kernel: acpi_bus_number: can't get _ADR

May 3 11:23:06 schlepptop last message repeated 9 times

May 3 11:23:06 schlepptop kernel: acpi0: Power Button (fixed)

May 3 11:23:06 schlepptop kernel: acpi_bus_number: can't get _ADR

May 3 11:23:06 schlepptop kernel: acpi_bus_number: can't get _ADR

May 3 11:23:06 schlepptop kernel: acpi_ec0: <Embedded Controller: GPE 0x17> port 0x62,0x66 on acpi0

May 3 11:23:06 schlepptop kernel: Timecounter "ACPI-fast" frequency 3579545 Hz quality 1000

May 3 11:23:06 schlepptop kernel: acpi_timer0: <24-bit timer at 3.579545MHz> port 0x1008-0x100b on acpi0

May 3 11:23:06 schlepptop kernel: cpu0: <ACPI CPU> on acpi0

May 3 11:23:06 schlepptop kernel: est0: <Enhanced SpeedStep Frequency Control> on cpu0

May 3 11:23:06 schlepptop kernel: p4tcc0: <CPU Frequency Thermal Control> on cpu0

May 3 11:23:06 schlepptop kernel: acpi_acad0: <AC Adapter> on acpi0

May 3 11:23:06 schlepptop kernel: battery0: <ACPI Control Method Battery> on acpi0

May 3 11:23:06 schlepptop kernel: acpi_lid0: <Control Method Lid Switch> on acpi0

May 3 11:23:06 schlepptop kernel: acpi_button0: <Power Button> on acpi0

May 3 11:23:06 schlepptop kernel: acpi_button1: <Sleep Button> on acpi0

May 3 11:23:06 schlepptop kernel: pcib0: <ACPI Host-PCI bridge> port 0xcf8-0xcff on acpi0

May 3 11:23:06 schlepptop kernel: pci0: <ACPI PCI bus> on pcib0

May 3 11:23:06 schlepptop kernel: pcib1: <ACPI PCI-PCI bridge> irq 11 at device 1.0 on pci0

May 3 11:23:06 schlepptop kernel: pci1: <ACPI PCI bus> on pcib1

May 3 11:23:06 schlepptop kernel: vgapci0: <VGA-compatible display> port 0x3000-0x30ff mem 0xd0000000-0xd7fffff,0xc0100000-0xc010ffff irq 11 at device 0.0 on pci1

May 3 11:23:06 schlepptop kernel: drm0: <ATI Radeon Mobility X600 M24> on vgapci0

May 3 11:23:06 schlepptop kernel: info: [drm] Initialized radeon 1.24.0 20060225

May 3 11:23:06 schlepptop kernel: pcib2: <ACPI PCI-PCI bridge> irq 10 at device 28.0 on pci0

May 3 11:23:06 schlepptop kernel: pci2: <ACPI PCI bus> on pcib2

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May 3 11:23:06 schlepptop kernel: uhci0: <Intel 82801FB/FR/FW/FRW (ICH6) USB controller USB-A> port 0x1800-0x181f irq 5 at device 29.0 on pci0
May 3 11:23:06 schlepptop kernel: uhci0: [GIANT-LOCKED]
May 3 11:23:06 schlepptop kernel: usb0: <Intel 82801FB/FR/FW/FRW (ICH6) USB controller USB-A> on uhci0
May 3 11:23:06 schlepptop kernel: usb0: USB revision 1.0
May 3 11:23:06 schlepptop kernel: uhub0: <Intel UHCI root hub, class 9/0, rev 1.00/1.00, addr 1> on usb0
May 3 11:23:06 schlepptop kernel: uhub0: 2 ports with 2 removable, self powered
May 3 11:23:06 schlepptop kernel: uhci1: <Intel 82801FB/FR/FW/FRW (ICH6) USB controller USB-B> port 0x1820-0x183f irq 5 at device 29.1 on pci0
May 3 11:23:06 schlepptop kernel: uhci1: [GIANT-LOCKED]
May 3 11:23:06 schlepptop kernel: usb1: <Intel 82801FB/FR/FW/FRW (ICH6) USB controller USB-B> on uhci1
May 3 11:23:06 schlepptop kernel: usb1: USB revision 1.0
May 3 11:23:06 schlepptop kernel: uhub1: <Intel UHCI root hub, class 9/0, rev 1.00/1.00, addr 1> on usb1
May 3 11:23:06 schlepptop kernel: uhub1: 2 ports with 2 removable, self powered
May 3 11:23:06 schlepptop kernel: uhci2: <Intel 82801FB/FR/FW/FRW (ICH6) USB controller USB-C> port 0x1840-0x185f irq 5 at device 29.2 on pci0
May 3 11:23:06 schlepptop kernel: uhci2: [GIANT-LOCKED]
May 3 11:23:06 schlepptop kernel: usb2: <Intel 82801FB/FR/FW/FRW (ICH6) USB controller USB-C> on uhci2
May 3 11:23:06 schlepptop kernel: usb2: USB revision 1.0
May 3 11:23:06 schlepptop kernel: uhub2: <Intel UHCI root hub, class 9/0, rev 1.00/1.00, addr 1> on usb2
May 3 11:23:06 schlepptop kernel: uhub2: 2 ports with 2 removable, self powered
May 3 11:23:06 schlepptop kernel: uhci3: <Intel 82801FB/FR/FW/FRW (ICH6) USB controller USB-D> port 0x1860-0x187f irq 11 at device 29.3 on pci0
May 3 11:23:06 schlepptop kernel: uhci3: [GIANT-LOCKED]
May 3 11:23:06 schlepptop kernel: usb3: <Intel 82801FB/FR/FW/FRW (ICH6) USB controller USB-D> on uhci3
May 3 11:23:06 schlepptop kernel: usb3: USB revision 1.0
May 3 11:23:06 schlepptop kernel: uhub3: <Intel UHCI root hub, class 9/0, rev 1.00/1.00, addr 1> on usb3
May 3 11:23:06 schlepptop kernel: uhub3: 2 ports with 2 removable, self powered
May 3 11:23:06 schlepptop kernel: ehci0: <Intel 82801FB (ICH6) USB 2.0 controller> mem 0xc0000000-0xc00003ff irq 5 at device 29.7 on pci0
May 3 11:23:06 schlepptop kernel: ehci0: [GIANT-LOCKED]
May 3 11:23:06 schlepptop kernel: usb4: EHCI version 1.0
May 3 11:23:06 schlepptop kernel: usb4: companion controllers, 2 ports each: usb0 usb1 usb2 usb3
May 3 11:23:06 schlepptop kernel: usb4: <Intel 82801FB (ICH6) USB 2.0 controller> on ehci0
May 3 11:23:06 schlepptop kernel: usb4: USB revision 2.0
May 3 11:23:06 schlepptop kernel: uhub4: <Intel EHCI root hub, class 9/0, rev 2.00/1.00, addr 1> on usb4
May 3 11:23:06 schlepptop kernel: uhub4: 8 ports with 8 removable, self powered
May 3 11:23:06 schlepptop kernel: pcib3: <ACPI PCI-PCI bridge> at device 30.0 on pci0
May 3 11:23:06 schlepptop kernel: pci6: <ACPI PCI bus> on pcib3
May 3 11:23:06 schlepptop kernel: bge0: <Broadcom BCM5788 Gigabit Ethernet, ASIC rev. 0x3003> mem 0xc8000000-0xc800ffff irq 5 at device 5.0 on pci6
May 3 11:23:06 schlepptop kernel: miibus0: <MII bus> on bge0
May 3 11:23:06 schlepptop kernel: brgphy0: <BCM5705 10/100/1000baseTX PHY> on miibus0
May 3 11:23:06 schlepptop kernel: brgphy0: 10baseT, 10baseT-FDX, 100baseTX, 100baseTX-FDX, 1000baseTX, 1000baseTX-FDX, auto
May 3 11:23:06 schlepptop kernel: bge0: Ethernet address: 00:13:77:01:05:c2
May 3 11:23:06 schlepptop kernel: iwi0: <Intel(R) PRO/Wireless 2200BG> mem 0xc8010000-0xc8010fff irq

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11 at device 7.0 on pci6

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May 3 11:23:06 schlepptop kernel: cbb0: <RF5C476 PCI-CardBus Bridge> at device 9.0 on pci6

May 3 11:23:06 schlepptop kernel: cardbus0: <CardBus bus> on cbb0

May 3 11:23:06 schlepptop kernel: pccard0: <16-bit PCCard bus> on cbb0

May 3 11:23:06 schlepptop kernel: fwohci0: <Ricoh R5C552> mem 0xc8011000-0xc80117ff at device 9.1 on pci6

May 3 11:23:06 schlepptop kernel: fwohci0: OHCI version 1.0 (ROM=1)

May 3 11:23:06 schlepptop kernel: fwohci0: No. of Isochronous channels is 4.

May 3 11:23:06 schlepptop kernel: fwohci0: EUI64 00:00:f0:41:20:04:66:bd

May 3 11:23:06 schlepptop kernel: fwohci0: Phy 1394a available S400, 2 ports.

May 3 11:23:06 schlepptop kernel: fwohci0: Link S400, max_rec 2048 bytes.

May 3 11:23:06 schlepptop kernel: firewire0: <IEEE1394(FireWire) bus> on fwohci0

May 3 11:23:06 schlepptop kernel: sbp0: <SBP-2/SCSI over FireWire> on firewire0

May 3 11:23:06 schlepptop kernel: fwe0: <Ethernet over FireWire> on firewire0

May 3 11:23:06 schlepptop kernel: if_fwe0: Fake Ethernet address: 02:00:f0:04:66:bd

May 3 11:23:06 schlepptop kernel: fwe0: Ethernet address: 02:00:f0:04:66:bd

May 3 11:23:06 schlepptop kernel: fwe0: if_start running deferred for Giant

May 3 11:23:06 schlepptop kernel: fwohci0: Initiate bus reset

May 3 11:23:06 schlepptop kernel: fwohci0: node_id=0xc800ffc0, gen=1, CYCLEMASTER mode

May 3 11:23:06 schlepptop kernel: firewire0: 1 nodes, maxhop <= 0, cable IRM = 0 (me)

May 3 11:23:06 schlepptop kernel: firewire0: bus manager 0 (me)

May 3 11:23:06 schlepptop kernel: pci6: <base peripheral> at device 9.2 (no driver attached)

May 3 11:23:06 schlepptop kernel: pci6: <base peripheral> at device 9.3 (no driver attached)

May 3 11:23:06 schlepptop kernel: pcm0: <Intel ICH6 (82801FB)> port 0x1c00-0x1cff,0x1880-0x18bf mem 0xc0000800-0xc00009ff,0xc0000400-0xc00004ff irq 10 at device 30.2 on pci0

May 3 11:23:06 schlepptop kernel: pcm0: <Analog Devices AD1981B AC97 Codec>

May 3 11:23:06 schlepptop kernel: pci0: <simple comms, generic modem> at device 30.3 (no driver attached)

May 3 11:23:06 schlepptop kernel: isab0: <PCI-ISA bridge> at device 31.0 on pci0

May 3 11:23:06 schlepptop kernel: isa0: <ISA bus> on isab0

May 3 11:23:06 schlepptop kernel: atapci0: <Intel ICH6 UDMA100 controller> port 0x1f0-0x1f7,0x3f6,0x170-0x177,0x376,0x18c0-0x18cf at device 31.1 on pci0

May 3 11:23:06 schlepptop kernel: ata0: <ATA channel 0> on atapci0

May 3 11:23:06 schlepptop kernel: ata1: <ATA channel 1> on atapci0

May 3 11:23:06 schlepptop kernel: pci0: <serial bus, SMBus> at device 31.3 (no driver attached)

May 3 11:23:06 schlepptop kernel: acpi_tz0: <Thermal Zone> on acpi0

May 3 11:23:06 schlepptop kernel: acpi_hpet0: <HPET - High Precision Event Timers> iomem 0xfed00000-0xfed003ff irq 0,8 on acpi0

May 3 11:23:06 schlepptop kernel: acpi_hpet0: Vendor: 0x8086

May 3 11:23:06 schlepptop kernel: acpi_hpet0: Leg_Route_Cap: 1

May 3 11:23:06 schlepptop kernel: acpi_hpet0: Count_Size_Cap: 1

May 3 11:23:06 schlepptop kernel: acpi_hpet0: Num_Tim_Cap: 1

May 3 11:23:06 schlepptop kernel: acpi_hpet0: Rev_id: 0x1

May 3 11:23:06 schlepptop kernel: acpi_hpet0: Period: 69841279 fs (14318180 Hz)

May 3 11:23:06 schlepptop kernel: acpi_hpet0: HPET attach

May 3 11:23:06 schlepptop kernel: atkbdc0: <Keyboard controller (i8042)> port 0x60,0x64 irq 1 on acpi0

May 3 11:23:06 schlepptop kernel: atkbd0: <AT Keyboard> irq 1 on atkbdc0

May 3 11:23:06 schlepptop kernel: kbd0 at atkbd0

May 3 11:23:06 schlepptop kernel: atkbd0: [GIANT-LOCKED]

May 3 11:23:06 schlepptop kernel: psm0: <PS/2 Mouse> irq 12 on atkbdc0

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```
May 3 11:23:06 schlepptop kernel: psm0: [GIANT-LOCKED]
May 3 11:23:06 schlepptop kernel: psm0: model IntelliMouse, device ID 3
May 3 11:23:06 schlepptop kernel: pmtimer0 on isa0
May 3 11:23:06 schlepptop kernel: orm0: <ISA Option ROMs> at iomem
0xc0000-0xcffff,0xd0000-0xd3fff,0xdc000-0xdffff,0xe0000-0xe3fff npnid ORM0000 on
isa0
May 3 11:23:06 schlepptop kernel: sc0: <System console> at flags 0x100 on isa0
May 3 11:23:06 schlepptop kernel: sc0: VGA <16 virtual consoles, flags=0x300>
May 3 11:23:06 schlepptop kernel: vga0: <Generic ISA VGA> at port 0x3c0-0x3df iomem 0xa0000-0xbffff
on isa0
May 3 11:23:06 schlepptop kernel: ums0: <Logitech USB-PS/2 Optical Mouse, class 0/0, rev 2.00/11.10,
addr 2> on uhub0
May 3 11:23:06 schlepptop kernel: ums0: 3 buttons and Z dir.
May 3 11:23:06 schlepptop kernel: Timecounter "TSC" frequency 1596051492 Hz quality 800
May 3 11:23:06 schlepptop kernel: Timecounters tick every 3.333 msec
May 3 11:23:06 schlepptop kernel: acpi_acad0: acline initialization start
May 3 11:23:06 schlepptop kernel: acpi_acad0: On Line
May 3 11:23:06 schlepptop kernel: acpi_acad0: acline initialbattery0: battery initialization start
May 3 11:23:06 schlepptop kernel: zation done, tried 1 times
May 3 11:23:06 schlepptop kernel: battery0: battery initialization done, tried 1 times
May 3 11:23:06 schlepptop kernel: ad0: 56713MB <IC25N060ATMR04 0 MO3OAD4A> at ata0-master
UDMA100
May 3 11:23:06 schlepptop kernel: acd0: DVDR <MATSHITADVD-RAM UJ-822S/1.00> at ata0-slave
UDMA33
May 3 11:23:06 schlepptop kernel: cd0 at ata0 bus 0 target 1 lun 0
May 3 11:23:06 schlepptop kernel: cd0: <MATSHITA DVD-RAM UJ-822S 1.00> Removable CD-ROM
SCSI-0 device
May 3 11:23:06 schlepptop kernel: cd0: 33.000MB/s transfers
May 3 11:23:06 schlepptop kernel: cd0: cd present [1 x 2048 byte records]
May 3 11:23:06 schlepptop kernel: Trying to mount root from ufs:/dev/ad0s2a
May 3 11:23:06 schlepptop savecore: no dumps found
May 3 11:23:09 schlepptop ntpd: logging to file /var/log/ntpd.log
May 3 11:26:53 schlepptop kernel: info: [drm] Setting GART location based on old memory map
May 3 11:26:53 schlepptop kernel: info: [drm] Loading R300 Microcode
May 3 11:26:53 schlepptop kernel: info: [drm] writeback test failed
May 3 11:27:00 schlepptop kernel: stray irq7
May 3 11:27:25 schlepptop last message repeated 3 times
May 3 11:27:29 schlepptop kernel: too many stray irq 7's: not logging anymore#
# GENERIC -- Generic kernel configuration file for FreeBSD/i386
#
# For more information on this file, please read the handbook section on
# Kernel Configuration Files:
#
# http://www.FreeBSD.org/doc/en\_US.ISO8859-1/books/handbook/kernelconfig-config.html
#
# The handbook is also available locally in /usr/share/doc/handbook
# if you've installed the doc distribution, otherwise always see the
# FreeBSD World Wide Web server (http://www.FreeBSD.org/) for the
# latest information.
#
# An exhaustive list of options and more detailed explanations of the
```

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```
# device lines is also present in the ../../conf/NOTES and NOTES files.
# If you are in doubt as to the purpose or necessity of a line, check first
# in NOTES.
#
# $FreeBSD: src/sys/i386/conf/GENERIC,v 1.432 2005/08/06 23:05:48 davidxu Exp $

machine i386
#cpu I486_CPU
#cpu I586_CPU
cpu I686_CPU
ident SCHLEPPTOP_CURRENT

# To statically compile in device wiring instead of /boot/device.hints
#hints "GENERIC.hints" # Default places to look for devices.

#makeoptions DEBUG=-g # Build kernel with gdb(1) debug symbols

options SCHED_ULE # ULE scheduler
#options SCHED_4BSD # 4BSD scheduler
options PREEMPTION # Enable kernel thread preemption
options INET # InterNETworking
options INET6 # IPv6 communications protocols
options FFS # Berkeley Fast Filesystem
options SOFTUPDATES # Enable FFS soft updates support
options UFS_ACL # Support for access control lists
options UFS_DIRHASH # Improve performance on big directories
#options MD_ROOT # MD is a potential root device
options NFSCLIENT # Network Filesystem Client
options NFSSERVER # Network Filesystem Server
#options NFS_ROOT # NFS usable as /, requires NFSCLIENT
options MSDOSFS # MSDOS Filesystem
options MSDOSFS_LARGE # > 128 GB
options CD9660 # ISO 9660 Filesystem
options PROCFS # Process filesystem (requires PSEUDOFS)
options PSEUDOFS # Pseudo-filesystem framework
options GEOM_GPT # GUID Partition Tables.
options COMPAT_43 # Compatible with BSD 4.3 [KEEP THIS!]
options COMPAT_FREEBSD4 # Compatible with FreeBSD4
options COMPAT_FREEBSD5 # Compatible with FreeBSD5
options SCSI_DELAY=5000 # Delay (in ms) before probing SCSI
options KTRACE # ktrace(1) support
options SYSVSHM # SYSV-style shared memory
options SYSVMSG # SYSV-style message queues
options SYSVSEM # SYSV-style semaphores
options _KPOSIX_PRIORITY_SCHEDULING # POSIX P1003_1B real-time extensions
options KBD_INSTALL_CDEV # install a CDEV entry in /dev
#options AHC_REG_PRETTY_PRINT # Print register bitfields in debug
# output. Adds ~128k to driver.
#options AHD_REG_PRETTY_PRINT # Print register bitfields in debug
# output. Adds ~215k to driver.
options ADAPTIVE_GIANT # Giant mutex is adaptive.
```

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options HZ=300

altq(9). Enable the base part of the hooks with the ALTQ option.
Individual disciplines must be built into the base system and can not be
loaded as modules at this point. ALTQ requires a stable TSC so if yours is
broken or changes with CPU throttling then you must also have the ALTQ_NOPCC
option.

options ALTQ
options ALTQ_CBQ # Class Bases Queueing
options ALTQ_RED # Random Early Detection
options ALTQ_RIO # RED In/Out
options ALTQ_HFSC # Hierarchical Packet Scheduler
options ALTQ_CDNR # Traffic conditioner
options ALTQ_PRIQ # Priority Queueing
options ALTQ_NOPCC # Required if the TSC is unusable
#options ALTQ_DEBUG

Debugging for use in -current
#options KDB # Enable kernel debugger support.
#options DDB # Support DDB.
#options GDB # Support remote GDB.
#options INVARIANTS # Enable calls of extra sanity checking
#options INVARIANT_SUPPORT # Extra sanity checks of internal structures, required by INVARIANTS
#options WITNESS # Enable checks to detect deadlocks and cycles
#options WITNESS_SKIPSPIN # Don't run witness on spinlocks for speed

To make an SMP kernel, the next two lines are needed
#options SMP # Symmetric MultiProcessor Kernel
#device apic # I/O APIC

Bus support. Do not remove isa, even if you have no isa slots
device isa
device eisa
device pci

Floppy drives
device fdc

ATA and ATAPI devices
device ata
device atadisk # ATA disk drives
device ataraid # ATA RAID drives
device atapicd # ATAPI CDROM drives
device atapifd # ATAPI floppy drives
device atapist # ATAPI tape drives
device atapicam # emulate ATAPI devices as SCSI ditto via CAM
options ATA_STATIC_ID # Static device numbering

DRM

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device drm # DRM core module required by DRM drivers
device radeondrm # ATI Radeon

SCSI Controllers

#device ahb # EISA AHA1742 family
#device ahc # AHA2940 and onboard AIC7xxx devices
#device ahd # AHA39320/29320 and onboard AIC79xx devices
#device amd # AMD 53C974 (Tekram DC-390(T))
#device isp # Qlogic family
#device ispfw # Firmware for QLogic HBAs- normally a module
#device mpt # LSI-Logic MPT-Fusion
#device ncr # NCR/Symbios Logic
#device sym # NCR/Symbios Logic (newer chipsets + those of `ncr')
#device trm # Tekram DC395U/UW/F DC315U adapters

#device adv # Advansys SCSI adapters
#device adw # Advansys wide SCSI adapters
#device aha # Adaptec 154x SCSI adapters
#device aic # Adaptec 15[012]x SCSI adapters, AIC-6[23]60.
#device bt # Buslogic/Mylex MultiMaster SCSI adapters

#device ncv # NCR 53C500
#device nsp # Workbit Ninja SCSI-3
#device stg # TMC 18C30/18C50

SCSI peripherals

device scbus # SCSI bus (required for SCSI)
#device ch # SCSI media changers
device da # Direct Access (disks)
#device sa # Sequential Access (tape etc)
device cd # CD
device pass # Passthrough device (direct SCSI access)
device ses # SCSI Environmental Services (and SAF-TE)

RAID controllers interfaced to the SCSI subsystem

#device amr # AMI MegaRAID
#device arcmsr # Areca SATA II RAID
#device asr # DPT SmartRAID V, VI and Adaptec SCSI RAID
#device ciss # Compaq Smart RAID 5*
#device dpt # DPT Smartcache III, IV - See NOTES for options
#device hptmv # Highpoint RocketRAID 182x
#device iir # Intel Integrated RAID
#device ips # IBM (Adaptec) ServeRAID
#device mly # Mylex AcceleRAID/eXtremeRAID
#device twa # 3ware 9000 series PATA/SATA RAID

RAID controllers

#device aac # Adaptec FSA RAID
#device aacp # SCSI passthrough for aac (requires CAM)
#device ida # Compaq Smart RAID

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```
#device mlx # Mylex DAC960 family
#device pst # Promise Supertrak SX6000
#device twe # 3ware ATA RAID

# atkbdc0 controls both the keyboard and the PS/2 mouse
device atkbdc # AT keyboard controller
device atkbd # AT keyboard
device psm # PS/2 mouse

device vga # VGA video card driver

device splash # Splash screen and screen saver support

# syscons is the default console driver, resembling an SCO console
device sc

# Enable this for the pcvt (VT220 compatible) console driver
#device vt
#options XSERVER # support for X server on a vt console
#options FAT_CURSOR # start with block cursor

device agp # support several AGP chipsets

# To include support for VGA VESA video modes
options VESA

# Turn on extra debugging checks and output for VESA support.
options VESA_DEBUG

# Floating point support – do not disable.
device npx

# Power management support (see NOTES for more options)
#device apm
# Add suspend/resume support for the i8254.
device pmtimer

# PCCARD (PCMCIA) support
# PCMCIA and cardbus bridge support
device cbb # cardbus (yenta) bridge
device pccard # PC Card (16-bit) bus
device cardbus # CardBus (32-bit) bus

# Serial (COM) ports
#device sio # 8250, 16[45]50 based serial ports

# Parallel port
#device ppc
#device ppbus # Parallel port bus (required)
#device lpt # Printer
#device plip # TCP/IP over parallel
```

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```
#device ppi # Parallel port interface device
#device vpo # Requires scbus and da

# If you've got a "dumb" serial or parallel PCI card that is
# supported by the puc(4) glue driver, uncomment the following
# line to enable it (connects to the sio and/or ppc drivers):
#device puc

# PCI Ethernet NICs.
#device de # DEC/Intel DC21x4x (`Tulip")
#device em # Intel PRO/1000 adapter Gigabit Ethernet Card
#device ixgb # Intel PRO/10GbE Ethernet Card
#device txp # 3Com 3cR990 (`Typhoon")
#device vx # 3Com 3c590, 3c595 (`Vortex")

# PCI Ethernet NICs that use the common MII bus controller code.
# NOTE: Be sure to keep the 'device miibus' line in order to use these NICs!
device miibus # MII bus support
#device bfe # Broadcom BCM440x 10/100 Ethernet
device bge # Broadcom BCM570xx Gigabit Ethernet
#device dc # DEC/Intel 21143 and various workalikes
#device fxp # Intel EtherExpress PRO/100B (82557, 82558)
#device lge # Level 1 LXT1001 gigabit Ethernet
#device nge # NatSemi DP83820 gigabit Ethernet
#device nve # nVidia nForce MCP on-board Ethernet Networking
#device pcn # AMD Am79C97x PCI 10/100(precedence over 'Inc')
#device re # RealTek 8139C+/8169/8169S/8110S
#device rl # RealTek 8129/8139
#device sf # Adaptec AIC-6915 (`Starfire")
#device sis # Silicon Integrated Systems SiS 900/SiS 7016
#device sk # SysKonnect SK-984x & SK-982x gigabit Ethernet
#device ste # Sundance ST201 (D-Link DFE-550TX)
#device ti # Alteon Networks Tigon I/II gigabit Ethernet
#device tl # Texas Instruments ThunderLAN
#device tx # SMC EtherPower II (83c170 ``EPIC")
#device vge # VIA VT612x gigabit Ethernet
#device vr # VIA Rhine, Rhine II
#device wb # Winbond W89C840F
#device xl # 3Com 3c90x (`Boomerang", ``Cyclone")

# ISA Ethernet NICs. pccard NICs included.
#device cs # Crystal Semiconductor CS89x0 NIC
# 'device ed' requires 'device miibus'
#device ed # NE[12]000, SMC Ultra, 3c503, DS8390 cards
#device ex # Intel EtherExpress Pro/10 and Pro/10+
#device ep # Etherlink III based cards
#device fe # Fujitsu MB8696x based cards
#device ie # EtherExpress 8/16, 3C507, StarLAN 10 etc.
#device Inc # NE2100, NE32-VL Lance Ethernet cards
#device sn # SMC's 9000 series of Ethernet chips
#device xe # Xircom pccard Ethernet
```

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```
# ISA devices that use the old ISA shims
#device le

# Wireless NIC cards
device wlan # 802.11 support
#device an # Aironet 4500/4800 802.11 wireless NICs.
#device awi # BayStack 660 and others
#device ral # Ralink Technology RT2500 wireless NICs.
#device wi # WaveLAN/Intersil/Symbol 802.11 wireless NICs.
#device wl # Older non 802.11 Wavelan wireless NIC.

# Pseudo devices.
device loop # Network loopback
device mem # Memory and kernel memory devices
device io # I/O device
device random # Entropy device
device ether # Ethernet support
#device sl # Kernel SLIP
#device ppp # Kernel PPP
device tun # Packet tunnel.
device pty # Pseudo-ttys (telnet etc)
device md # Memory "disks"
device gif # IPv6 and IPv4 tunneling
device faith # IPv6-to-IPv4 relaying (translation)

# The `bpf' device enables the Berkeley Packet Filter.
# Be aware of the administrative consequences of enabling this!
# Note that 'bpf' is required for DHCP.
device bpf # Berkeley packet filter

# USB support
device uhci # UHCI PCI->USB interface
device ohci # OHCI PCI->USB interface
device ehci # EHCI PCI->USB interface (USB 2.0)
device usb # USB Bus (required)
#device udbp # USB Double Bulk Pipe devices
device ugen # Generic
device uhid # "Human Interface Devices"
device ukbd # Keyboard
device ulpt # Printer
device umass # Disks/Mass storage - Requires scbus and da
device ums # Mouse
#device ural # Ralink Technology RT2500USB wireless NICs
#device urio # Diamond Rio 500 MP3 player
device uscanner # Scanners
# USB Ethernet, requires miibus
#device aue # ADMtek USB Ethernet
#device axe # ASIX Electronics USB Ethernet
#device cdce # Generic USB over Ethernet
#device cue # CATC USB Ethernet
```

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```
#device kue # Kawasaki LSI USB Ethernet
#device rue # RealTek RTL8150 USB Ethernet

# FireWire support
device firewire # FireWire bus code
device sbp # SCSI over FireWire (Requires scbus and da)
device fwe # Ethernet over FireWire (non-standard!)
Section "ServerLayout"
Identifier "X.org Configured"
Screen 0 "Screen0" 0 0
InputDevice "Mouse0" "CorePointer"
InputDevice "Keyboard0" "CoreKeyboard"
EndSection

Section "DRI"
Mode 0666
EndSection

Section "Files"
RgbPath "/usr/X11R6/lib/X11/rgb"
ModulePath "/usr/X11R6/lib/modules"
FontPath "/usr/X11R6/lib/X11/fonts/misc/"
FontPath "/usr/X11R6/lib/X11/fonts/TTF/"
FontPath "/usr/X11R6/lib/X11/fonts/TrueType/"
FontPath "/usr/X11R6/lib/X11/fonts/Type1/"
FontPath "/usr/X11R6/lib/X11/fonts/75dpi/"
FontPath "/usr/X11R6/lib/X11/fonts/100dpi/"
FontPath "/usr/X11R6/lib/X11/fonts/URW/"
FontPath "/usr/local/share/fonts/"
FontPath "/usr/X11R6/lib/X11/fonts/bitstream-vera/"
EndSection

Section "Module"
Load "dbe"
Load "dri"
Load "extmod"
Load "glx"
Load "record"
Load "xtrap"
Load "freetype"
Load "type1"
EndSection

Section "Extensions"
Option "Composite" "Enable"
EndSection

Section "InputDevice"
Identifier "Keyboard0"
Driver "kbd"
```

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```
Option "XkbLayout" "de"  
Option "XkbModel" "pc105"  
EndSection
```

```
Section "InputDevice"  
Identifier "Mouse0"  
Driver "mouse"  
Option "Protocol" "auto"  
Option "Device" "/dev/sysmouse"  
Option "ZAxisMapping" "4 5"  
Option "Buttons" "5"  
EndSection
```

```
Section "Monitor"  
Identifier "Monitor0"  
VendorName "Monitor Vendor"  
ModelName "Monitor Model"  
ModeLine "1400x1050minus" 108.00 1400 34208 34320 1688 1050 1052 1055 1063 -HSync -VSync  
EndSection
```

```
Section "Device"  
### Available Driver options are:-  
### Values: <i>: integer, <f>: float, <bool>: "True"/"False",  
### <string>: "String", <freq>: "<f> Hz/kHz/MHz"  
### [arg]: arg optional  
#Option "NoAccel" # [<bool>]  
#Option "SWcursor" # [<bool>]  
#Option "Dac6Bit" # [<bool>]  
#Option "Dac8Bit" # [<bool>]  
#Option "BusType" # [<str>]  
#Option "CPPIOMode" # [<bool>]  
#Option "CPusecTimeout" # <i>  
#Option "AGPMode" # <i>  
#Option "AGPFastWrite" # [<bool>]  
#Option "AGPSize" # <i>  
#Option "GARTSize" # <i>  
#Option "RingSize" # <i>  
#Option "BufferSize" # <i>  
#Option "EnableDepthMoves" # [<bool>]  
#Option "EnablePageFlip" # [<bool>]  
#Option "NoBackBuffer" # [<bool>]  
#Option "PanelOff" # [<bool>]  
#Option "DDCMode" # [<bool>]  
#Option "MonitorLayout" # [<str>]  
#Option "IgnoreEDID" # [<bool>]  
#Option "UseFBDev" # [<bool>]  
#Option "VideoKey" # <i>  
#Option "MergedFB" # [<bool>]  
#Option "CRT2HSync" # [<str>]  
#Option "CRT2VRefresh" # [<str>]  
#Option "CRT2Position" # [<str>]
```

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```
#Option "MetaModes" # [<str>]
#Option "MergedDPI" # [<str>]
#Option "NoMergedXinerama" # [<bool>]
#Option "MergedXineramaCRT2IsScreen0" # [<bool>]
#Option "DisplayPriority" # [<str>]
#Option "PanelSize" # [<str>]
#Option "ForceMinDotClock" # <freq>
#Option "RenderAccel" # [<bool>]
#Option "SubPixelOrder" # [<str>]
#Option "ShowCache" # [<bool>]
#Option "DynamicClocks" # [<bool>]
Identifier "Card0"
#Driver "ati"
Driver "radeon"
VendorName "ATI Technologies Inc"
BoardName "Unknown Board"
BusID "PCI:1:0:0"
EndSection
```

```
Section "Screen"
Identifier "Screen0"
Device "Card0"
Monitor "Monitor0"
SubSection "Display"
Viewport 0 0
Depth 1
EndSubSection
SubSection "Display"
Viewport 0 0
Depth 4
EndSubSection
SubSection "Display"
Viewport 0 0
Depth 8
EndSubSection
SubSection "Display"
Viewport 0 0
Depth 15
EndSubSection
SubSection "Display"
Viewport 0 0
Depth 16
Modes "1400x1050minus"
EndSubSection
SubSection "Display"
Viewport 0 0
Depth 24
Modes "1400x1050minus"
EndSubSection
EndSection
```

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```
# newline
CPUTYPE=pentium-m
CFLAGS= -O -pipe

NO_NIS=true
NO_I4B=true

BOOTWAIT=3000
KERNCONF=SCHLEPPTOP_CURRENT

SUP_UPDATE=yes
SUP=/usr/local/bin/cvsup
SUPFLAGS= -g -L 1
SUPHOST=cvsup.at.FreeBSD.org
SUPFILE=/usr/local/etc/standard-supfile
PORTSSUPFILE=/usr/local/etc/ports-supfile
DOCSUPFILE=/usr/local/etc/doc-supfile
# added by use.perl 2006-04-10 16:45:28
PERL_VER=5.8.8
PERL_VERSION=5.8.8
```

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