

hang on startx with nvidia / also with emu10kx

Source: <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/current/2007-09/msg00304.html>

- *From:* Mario Sergio Fujikawa Ferreira <lioux-list@xxxxxxxxxx>
 - *Date:* Thu, 13 Sep 2007 23:42:39 -0300
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Hi,

FreeBSD exxodus.fedaykin.here 7.0-CURRENT FreeBSD 7.0-CURRENT #9: Thu Sep 13 22:46:14 BRT 2007 lioux@exxodus:/usr/src/sys/i386/compile/LIOUX i386

-CURRENT as of today September 13th 2007 with latest ports. xorg works fine if I launch it with tightvnc. However, the system hangs if I try to startx using the nvidia driver. The same happens if I try to kldload emu10kx.

How do I force the system to issue a kernel dump when it hangs? I want to be able to provide a proper backtrace of the system if possible. :)

Are these known issues?

Regards,

—

Mario S F Ferreira – DF – Brazil – "I guess this is a signature."

feature, n: a documented bug | bug, n: an undocumented feature

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FreeBSD 7.0-CURRENT #9: Thu Sep 13 22:46:14 BRT 2007

lioux@exxodus:/usr/src/sys/i386/compile/LIOUX

WARNING: WITNESS option enabled, expect reduced performance.

WARNING: DIAGNOSTIC option enabled, expect reduced performance.

Timecounter "i8254" frequency 1193182 Hz quality 0

CPU: AMD Athlon(tm) 64 X2 Dual Core Processor 4600+ (2410.99-MHz 686-class CPU)

Origin = "AuthenticAMD" Id = 0x40fb2 Stepping = 2

Features=0x178bfbff<FPU,VME,DE,PSE,TSC,MSR,PAE,MCE,CX8,APIC,SEP,MTRR,PGE,MCA,CMOV,PAT,PSE

Features2=0x2001<SSE3,CX16>

AMD Features=0xea500800<SYSCALL,NX,MMX+,FFXSR,RDTSCP,LM,3DNow!+,3DNow!>

AMD Features2=0x1f<LAHF,CMP,SVM,ExtAPIC,CR8>

Cores per package: 2

real memory = 2146304000 (2046 MB)

avail memory = 2082811904 (1986 MB)

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ACPI APIC Table: <Nvidia ASUSACPI>
FreeBSD/SMP: Multiprocessor System Detected: 2 CPUs
cpu0 (BSP): APIC ID: 0
cpu1 (AP): APIC ID: 1
WITNESS: spin lock intrcnt not in order list
ioapic0: Changing APIC ID to 2
ioapic0 <Version 1.1> irqs 0–23 on motherboard
WITNESS: spin lock ctl.rm_mtx not in order list
kbd1 at kbdmux0
acpi0: <Nvidia ASUSACPI> on motherboard
acpi0: [ITHREAD]
acpi_hpet0: <High Precision Event Timer> iomem 0xfefff000–0xfefff3ff on acpi0
Timecounter "HPET" frequency 25000000 Hz quality 900
acpi0: Power Button (fixed)
acpi0: reservation of fefff000, 1000 (3) failed
acpi0: reservation of 0, a0000 (3) failed
acpi0: reservation of 100000, 7fde0000 (3) failed
Timecounter "ACPI-fast" frequency 3579545 Hz quality 1000
acpi_timer0: <24–bit timer at 3.579545MHz> port 0x1008–0x100b on acpi0
cpu0: <ACPI CPU> on acpi0
powernow0: <PowerNow! K8> on cpu0
cpu1: <ACPI CPU> on acpi0
powernow1: <PowerNow! K8> on cpu1
acpi_button0: <Power Button> on acpi0
pcib0: <ACPI Host–PCI bridge> port 0xcf8–0xcff on acpi0
pci0: <ACPI PCI bus> on pcib0
pci0: <memory, RAM> at device 0.0 (no driver attached)
pci0: <memory, RAM> at device 0.1 (no driver attached)
pci0: <memory, RAM> at device 0.2 (no driver attached)
pci0: <memory, RAM> at device 0.3 (no driver attached)
pci0: <memory, RAM> at device 0.4 (no driver attached)
pci0: <memory, RAM> at device 0.5 (no driver attached)
pci0: <memory, RAM> at device 0.6 (no driver attached)
pci0: <memory, RAM> at device 0.7 (no driver attached)
pcib1: <ACPI PCI–PCI bridge> at device 4.0 on pci0
pci1: <ACPI PCI bus> on pcib1
nvidia0: <GeForce 8600 GT> port 0x8c00–0x8c7f mem
0xfa000000–0xfaffffff,0xc0000000–0xdfffffff,0xf8000000–0xf9ffffff irq 16 at device 0.0 on pci1
nvidia0: [GIANT–LOCKED]
nvidia0: [ITHREAD]
WITNESS: spin lock dev.rm_mtx not in order list
pci0: <memory, RAM> at device 8.0 (no driver attached)
isab0: <PCI–ISA bridge> at device 9.0 on pci0
isa0: <ISA bus> on isab0
pci0: <serial bus, SMBus> at device 9.1 (no driver attached)
pci0: <memory, RAM> at device 9.2 (no driver attached)
ohci0: <OHCI (generic) USB controller> mem 0xfe02f000–0xfe02ffff irq 21 at device 10.0 on pci0
ohci0: [GIANT–LOCKED]
ohci0: [ITHREAD]
usb0: OHCI version 1.0, legacy support
usb0: SMM does not respond, resetting

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usb0: <OHCI (generic) USB controller> on ohci0
usb0: USB revision 1.0
uhub0: <nVidia OHCI root hub, class 9/0, rev 1.00/1.00, addr 1> on usb0
uhub0: 10 ports with 10 removable, self powered
ehci0: <EHCI (generic) USB 2.0 controller> mem 0xfe02e000–0xfe02e0ff irq 22 at device 10.1 on pci0
ehci0: [GIANT–LOCKED]
ehci0: [IThread]
usb1: EHCI version 1.0
usb1: companion controller, 10 ports each: usb0
usb1: <EHCI (generic) USB 2.0 controller> on ehci0
usb1: USB revision 2.0
uhub1: <nVidia EHCI root hub, class 9/0, rev 2.00/1.00, addr 1> on usb1
uhub1: 10 ports with 10 removable, self powered
usb1: handing over low speed device on port 2 to usb0
uhub1: port 2, device disappeared after reset
ugen0: <vendor 0x0bda RTL8187_Wireless, class 0/0, rev 2.00/1.00, addr 2> on uhub1
atapci0: <nVidia nForce MCP55 UDMA133 controller> port
0x1f0–0x1f7,0x3f6,0x170–0x177,0x376,0xf400–0xf40f at device 12.0 on pci0
ata0: <ATA channel 0> on atapci0
ata0: [IThread]
ata1: <ATA channel 1> on atapci0
ata1: [IThread]
atapci1: <nVidia nForce MCP55 SATA300 controller> port
0x9f0–0x9f7,0xbf0–0xbf3,0x970–0x977,0xb70–0xb73,0xe000–0xe00f mem 0xfe02d000–0xfe02dfff irq 23
at device 13.0 on pci0
atapci1: [IThread]
ata2: <ATA channel 0> on atapci1
ata2: [IThread]
ata3: <ATA channel 1> on atapci1
ata3: [IThread]
atapci2: <nVidia nForce MCP55 SATA300 controller> port
0x9e0–0x9e7,0xbe0–0xbe3,0x960–0x967,0xb60–0xb63,0xcc00–0xcc0f mem 0xfe02c000–0xfe02cfff irq 20
at device 13.1 on pci0
atapci2: [IThread]
ata4: <ATA channel 0> on atapci2
ata4: [IThread]
ata5: <ATA channel 1> on atapci2
ata5: [IThread]
atapci3: <nVidia nForce MCP55 SATA300 controller> port
0xc800–0xc807,0xc400–0xc403,0xc000–0xc007,0xbc00–0xbc03,0xb800–0xb80f mem
0xfe02b000–0xfe02bfff irq 21 at device 13.2 on pci0
atapci3: [IThread]
ata6: <ATA channel 0> on atapci3
ata6: [IThread]
ata7: <ATA channel 1> on atapci3
ata7: [IThread]
pcib2: <ACPI PCI–PCI bridge> at device 14.0 on pci0
pci2: <ACPI PCI bus> on pcib2
atapci4: <HighPoint HPT370 UDMA100 controller> port
0xac00–0xac07,0xa800–0xa803,0xa400–0xa407,0xa000–0xa003,0x9c00–0x9cff irq 17 at device 7.0 on pci2
atapci4: [IThread]

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ata8: <ATA channel 0> on atapci4
ata8: [ITHREAD]
ata9: <ATA channel 1> on atapci4
ata9: [ITHREAD]
pci2: <multimedia, audio> at device 8.0 (no driver attached)
pci2: <input device> at device 8.1 (no driver attached)
pci2: <serial bus, FireWire> at device 8.2 (no driver attached)
pci2: <serial bus, FireWire> at device 11.0 (no driver attached)
nfe0: <NVIDIA nForce MCP55 Networking Adapter> port 0xb400-0xb407 mem
0xfe02a000-0xfe02afff,0xfe029000-0xfe0290ff,0xfe028000-0xfe02800f irq 22 at device 16.0 on pci0
miibus0: <MII bus> on nfe0
e1000phy0: <Marvell 88E1116 Gigabit PHY> PHY 1 on miibus0
e1000phy0: 10baseT, 10baseT-FDX, 100baseTX, 100baseTX-FDX, 1000baseTX-FDX, auto
nfe0: Ethernet address: 00:1b:fc:39:fb:23
nfe0: [FILTER]
nfe0: [FILTER]
nfe0: [FILTER]
nfe0: [FILTER]
nfe0: [FILTER]
nfe0: [FILTER]
nfe0: [FILTER]
nfe0: [FILTER]
nfe0: [FILTER]
nfe0: [FILTER]
pci3: <ACPI PCI-PCI bridge> at device 22.0 on pci0
pci3: <ACPI PCI bus> on pci3
atapci5: <SiI 3132 SATA300 controller> port 0x7c00-0x7c7f mem
0xfdeff000-0xfdeff07f,0xfdef8000-0xfdefbfff irq 16 at device 0.0 on pci3
atapci5: [ITHREAD]
ata10: <ATA channel 0> on atapci5
ata10: [ITHREAD]
ata11: <ATA channel 1> on atapci5
ata11: [ITHREAD]
acpi_tz0: <Thermal Zone> on acpi0
fdc0: <floppy drive controller> port 0x3f0-0x3f5,0x3f7 irq 6 drq 2 on acpi0
fdc0: [FILTER]
fd0: <1440-KB 3.5" drive> on fdc0 drive 0
sio0: <16550A-compatible COM port> port 0x3f8-0x3ff irq 4 flags 0x10 on acpi0
sio0: type 16550A
sio0: [FILTER]
atkbd0: <Keyboard controller (i8042)> port 0x60,0x64 irq 1 on acpi0
atkbd0: <AT Keyboard> irq 1 on atkbd0
kbd0 at atkbd0
atkbd0: [GIANT-LOCKED]
atkbd0: [ITHREAD]
pmtimer0 on isa0
orm0: <ISA Option ROMs> at iomem 0xc0000-0xccfff,0xd0000-0xd47ff pnpid ORM0000 on isa0
sc0: <System console> at flags 0x100 on isa0
sc0: VGA <16 virtual consoles, flags=0x300>
vga0: <Generic ISA VGA> at port 0x3c0-0x3df iomem 0xa0000-0xbffff on isa0
sio1: configured irq 3 not in bitmap of probed irqs 0
sio1: port may not be enabled
ums0: <Logitech USB Receiver, class 0/0, rev 1.10/15.00, addr 2> on uhub0

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ums0: 8 buttons and Z dir.

Timecounters tick every 0.868 msec

ipfw2 (+ip6) initialized, divert loadable, rule-based forwarding disabled, default to accept, logging disabled

acd0: DVDR <HL-DT-ST DVDROM GSA-4120B/A115> at ata0-master UDMA33

acd1: DVDROM <HL-DT-STDVD-ROM GDR8163B/0L23> at ata0-slave UDMA33

ad4: 476940MB <Seagate ST3500630AS 3.AAK> at ata2-master SATA150

ad6: 286188MB <Maxtor 6L300S0 BACE1G20> at ata3-master SATA150

ad16: 76319MB <Seagate ST380011A 3.06> at ata8-master UDMA100

ad18: 76319MB <Seagate ST380011A 3.06> at ata9-master UDMA100

SMP: AP CPU #1 Launched!

hwpmc: TSC/1/0x20<REA> K8/4/0x1ff<INT,USR,SYS,EDG,THR,REA,WRI,INV,QUA>

WARNING: WITNESS option enabled, expect reduced performance.

WARNING: DIAGNOSTIC option enabled, expect reduced performance.

GEOM_LABEL: Label for provider ad4s5 is msdosfs/ .

Trying to mount root from ufs:/dev/ad4s3a

WARNING: / was not properly dismounted

acd0: FAILURE - INQUIRY ILLEGAL REQUEST asc=0x24 ascq=0x00 sks=0x40 0x00 0x01

acd1: FAILURE - INQUIRY ILLEGAL REQUEST asc=0x24 ascq=0x00

nfe0: link state changed to UP

none0@pci0:0:0: class=0x050000 card=0x02f410de chip=0x02f410de rev=0xa2 hdr=0x00

vendor = 'Nvidia Corp'

device = 'C51 Host Bridge'

class = memory

subclass = RAM

none1@pci0:0:1: class=0x050000 card=0x02fa10de chip=0x02fa10de rev=0xa2 hdr=0x00

vendor = 'Nvidia Corp'

device = 'C51 Memory Controller 0'

class = memory

subclass = RAM

none2@pci0:0:2: class=0x050000 card=0x02fe10de chip=0x02fe10de rev=0xa2 hdr=0x00

vendor = 'Nvidia Corp'

device = 'C51 Memory Controller 1'

class = memory

subclass = RAM

none3@pci0:0:3: class=0x050000 card=0x02f810de chip=0x02f810de rev=0xa2 hdr=0x00

vendor = 'Nvidia Corp'

device = 'C51 Memory Controller 5'

class = memory

subclass = RAM

none4@pci0:0:4: class=0x050000 card=0x02f910de chip=0x02f910de rev=0xa2 hdr=0x00

vendor = 'Nvidia Corp'

device = 'C51 Memory Controller 4'

class = memory

subclass = RAM

none5@pci0:0:5: class=0x050000 card=0x02ff10de chip=0x02ff10de rev=0xa2 hdr=0x00

vendor = 'Nvidia Corp'

device = 'C51 Host Bridge'

class = memory

subclass = RAM

none6@pci0:0:6: class=0x050000 card=0x027f10de chip=0x027f10de rev=0xa2 hdr=0x00

vendor = 'Nvidia Corp'

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```
device = 'C51 Memory Controller 3'
class = memory
subclass = RAM
none7@pci0:0:7: class=0x050000 card=0x027e10de chip=0x027e10de rev=0xa2 hdr=0x00
vendor = 'Nvidia Corp'
device = 'C51 Memory Controller 2'
class = memory
subclass = RAM
pcib1@pci0:4:0: class=0x060400 card=0x000010de chip=0x02fb10de rev=0xa1 hdr=0x01
vendor = 'Nvidia Corp'
device = 'C51 PCI Express Bridge'
class = bridge
subclass = PCI-PCI
none8@pci0:8:0: class=0x050000 card=0xcb841043 chip=0x036910de rev=0xa1 hdr=0x00
vendor = 'Nvidia Corp'
device = 'MCP55 Memory Controller'
class = memory
subclass = RAM
isab0@pci0:9:0: class=0x060100 card=0xcb841043 chip=0x036010de rev=0xa2 hdr=0x00
vendor = 'Nvidia Corp'
device = 'MCP55 LPC Bridge'
class = bridge
subclass = PCI-ISA
none9@pci0:9:1: class=0x0c0500 card=0xcb841043 chip=0x036810de rev=0xa2 hdr=0x00
vendor = 'Nvidia Corp'
device = 'MCP55 SMBus'
class = serial bus
subclass = SMBus
none10@pci0:9:2: class=0x050000 card=0xcb841043 chip=0x036a10de rev=0xa2 hdr=0x00
vendor = 'Nvidia Corp'
device = 'MCP55 Memory Controller'
class = memory
subclass = RAM
ohci0@pci0:10:0: class=0x0c0310 card=0xcb841043 chip=0x036c10de rev=0xa1 hdr=0x00
vendor = 'Nvidia Corp'
device = 'MCP55 USB Controller'
class = serial bus
subclass = USB
ehci0@pci0:10:1: class=0x0c0320 card=0xcb841043 chip=0x036d10de rev=0xa2 hdr=0x00
vendor = 'Nvidia Corp'
device = 'MCP55 USB Controller'
class = serial bus
subclass = USB
atapci0@pci0:12:0: class=0x01018a card=0xcb841043 chip=0x036e10de rev=0xa1 hdr=0x00
vendor = 'Nvidia Corp'
device = 'MCP55 IDE'
class = mass storage
subclass = ATA
atapci1@pci0:13:0: class=0x010185 card=0xcb841043 chip=0x037f10de rev=0xa2 hdr=0x00
vendor = 'Nvidia Corp'
device = 'MCP55 SATA Controller'
```

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```
class = mass storage
subclass = ATA
atapci2@pci0:13:1: class=0x010185 card=0xcb841043 chip=0x037f10de rev=0xa2 hdr=0x00
vendor = 'Nvidia Corp'
device = 'MCP55 SATA Controller'
class = mass storage
subclass = ATA
atapci3@pci0:13:2: class=0x010185 card=0xcb841043 chip=0x037f10de rev=0xa2 hdr=0x00
vendor = 'Nvidia Corp'
device = 'MCP55 SATA Controller'
class = mass storage
subclass = ATA
pcib2@pci0:14:0: class=0x060401 card=0xcb8410de chip=0x037010de rev=0xa2 hdr=0x01
vendor = 'Nvidia Corp'
device = 'MCP55 PCI bridge'
class = bridge
subclass = PCI-PCI
nfe0@pci0:16:0: class=0x068000 card=0xcb841043 chip=0x037310de rev=0xa2 hdr=0x00
vendor = 'Nvidia Corp'
device = 'MCP55 Ethernet'
class = bridge
pcib3@pci0:22:0: class=0x060400 card=0x000010de chip=0x037510de rev=0xa2 hdr=0x01
vendor = 'Nvidia Corp'
device = 'MCP55 PCI Express bridge'
class = bridge
subclass = PCI-PCI
hostb0@pci0:24:0: class=0x060000 card=0x00000000 chip=0x11001022 rev=0x00 hdr=0x00
vendor = 'Advanced Micro Devices (AMD)'
device = 'Athlon 64 / Opteron HyperTransport Technology Configuration'
class = bridge
subclass = HOST-PCI
hostb1@pci0:24:1: class=0x060000 card=0x00000000 chip=0x11011022 rev=0x00 hdr=0x00
vendor = 'Advanced Micro Devices (AMD)'
device = 'Athlon 64 / Opteron Address Map'
class = bridge
subclass = HOST-PCI
hostb2@pci0:24:2: class=0x060000 card=0x00000000 chip=0x11021022 rev=0x00 hdr=0x00
vendor = 'Advanced Micro Devices (AMD)'
device = 'Athlon 64 / Opteron DRAM Controller'
class = bridge
subclass = HOST-PCI
hostb3@pci0:24:3: class=0x060000 card=0x00000000 chip=0x11031022 rev=0x00 hdr=0x00
vendor = 'Advanced Micro Devices (AMD)'
device = 'Athlon 64 / Opteron Miscellaneous Control'
class = bridge
subclass = HOST-PCI
nvidia0@pci1:0:0: class=0x030000 card=0x00000000 chip=0x040210de rev=0xa1 hdr=0x00
vendor = 'Nvidia Corp'
class = display
subclass = VGA
atapci4@pci2:7:0: class=0x018000 card=0x00051103 chip=0x00041103 rev=0x03 hdr=0x00
```

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```
vendor = 'Triones Technologies Inc. (HighPoint)'  
device = 'HPT3xx UDMA66/100/133 EIDE Controller'  
class = mass storage  
none11@pci2:8:0: class=0x040100 card=0x10071102 chip=0x00041102 rev=0x04 hdr=0x00  
vendor = 'Creative Labs'  
device = 'Creative SB Audigy 2 ZS (WDM) Audigy Audio Processor'  
class = multimedia  
subclass = audio  
none12@pci2:8:1: class=0x098000 card=0x00401102 chip=0x70031102 rev=0x04 hdr=0x00  
vendor = 'Creative Labs'  
device = 'EMU10K2 Creative Labs SB Audigy MIDI/Game port'  
class = input device  
subclass = audio  
none13@pci2:8:2: class=0x0c0010 card=0x00101102 chip=0x40011102 rev=0x04 hdr=0x00  
vendor = 'Creative Labs'  
device = 'EMU10K2 Audigy IEEE1394a Firewire Controller'  
class = serial bus  
subclass = FireWire  
none14@pci2:11:0: class=0x0c0010 card=0x815b1043 chip=0x8023104c rev=0x00 hdr=0x00  
vendor = 'Texas Instruments (TI)'  
device = 'TSB43AB21/A IEEE1394a-2000 OHCI PHY/Link-Layer Ctrlr'  
class = serial bus  
subclass = FireWire  
atapci5@pci3:0:0: class=0x018000 card=0x819f1043 chip=0x31321095 rev=0x01 hdr=0x00  
vendor = 'Silicon Image Inc (Was: CMD Technology Inc)'  
device = 'SiI 3132 PCI Express (1x) to 2 Port SATA300'  
class = mass storage  
GraphicsMagick-1.1.7_2 Fast image processing tools based on ImageMagick  
ORBit2-2.14.8 High-performance CORBA ORB with support for the C language  
OpenEXR-1.4.0 A high dynamic-range (HDR) image file format  
OpenSP-1.5.2 This package is a collection of SGML/XML tools called OpenS  
Win4BSD-4.0_63936_i386-freebsd Win4BSD Pro 4.0-63936  
aalib-1.4.r5_3 An ascii art library  
acroread7-7.0.9_2,1 Adobe Reader for view, print, and search PDF documents (ENU)  
acroreadwrapper-0.0.20060221_2 Wrapper script for Adobe Reader  
adobe-cmaps-20051217_1 Adobe CMap collection  
akode-2.0.1,1 Default KDE audio backend  
akode-plugins-jack-2.0.1,1 Jack output plugin for akode  
akode-plugins-mpc-2.0.1,1 Musepack decoder plugin for akode  
akode-plugins-mpeg-2.0.1,1 MPEG audio decoder plugin for akode  
akode-plugins-oss-2.0.1,1 OSS output plugin for akode  
akode-plugins-polypaudio-2.0.1_1,1 Polypaudio output plugin for akode  
akode-plugins-resampler-2.0.1,1 Resampler plugin for akode  
akode-plugins-xiph-2.0.1_2,1 FLAC/Speex/Vorbis decoder plugin for akode  
amspsfnt-1.0_5 AMSFonts PostScript Fonts (Adobe Type 1 format)  
apache-2.2.6 Version 2.2 of Apache web server with prefork MPM.  
apache-ant-1.7.0_1 Java- and XML-based build tool, conceptually similar to mak  
appres-1.0.1 Program to list application's resources  
apr-gdbm-db42-1.2.8_1 The Apache Group's Portability Library  
argouml-0.24_1 A UML design tool with cognitive support  
arts-1.5.7_1,1 Audio system for the KDE integrated X11 desktop  
artswrapper-1.5.3 Setuid wrapper for arts
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aspell-0.60.5_2 Spelling checker with better suggestion logic than ispell
ataidle-1.0 Utility to spin down ATA drives
atk-1.18.0_1 A GNOME accessibility toolkit (ATK)
autoconf-2.13.000227_6 Automatically configure source code on many Un*x platforms
autoconf-2.53_4 Automatically configure source code on many Un*x platforms
autoconf-2.59_3 Automatically configure source code on many Un*x platforms
autoconf-2.61_2 Automatically configure source code on many Un*x platforms
autoconf-wrapper-20070404 Wrapper script for GNU autoconf
automake-1.4.6_4 GNU Standards-compliant Makefile generator (1.4)
automake-1.5_4,1 GNU Standards-compliant Makefile generator (1.5)
automake-1.6.3 GNU Standards-compliant Makefile generator (1.6)
automake-1.9.6_2 GNU Standards-compliant Makefile generator (1.9)
automake-wrapper-20070404 Wrapper script for GNU automake
avahi+libdns-0.6.21 Service discovery on a local network
bash-3.2.25 The GNU Project's Bourne Again Shell
bdf2pcf-1.0.1 Convert X font from BDF to PCF
beforelight-1.0.2 A sample screen saver for X
bigreqsproto-1.0.2 BigReqs extension headers
bison-1.75_2,1 A parser generator from FSF, (mostly) compatible with Yacc
bitmap-1.0.3 Bitmap editor and converter utilities for X
bitstream-vera-1.10_4 Bitstream Vera TrueType font collection
c-ares-config-1.4.0 An asynchronous DNS resolver library
ca_root_nss-3.11.7 The root certificate bundle from the Mozilla Project
cairo-1.4.10 Vector graphics library with cross-device output support
ccache-2.4_6 A tool to minimize the compile time of C/C++ programs
ccxstream-1.0.15_1 Stream media files to XBox Media Center via XBMSF
cdparanoia-3.9.8_8 A CDDA extraction tool (also known as ripper)
cdrdao-1.2.1_1 Record CD-R[W]s in disk-at-once mode
cdrtools-devel-2.01.01a11_1,1 CD/DVD and ISO-9660 image creation and extraction tools
cmpsfont-1.0_6 Computer Modern PostScript Fonts (Adobe Type 1 format)
compat4x-i386-5.3_9 A convenience package to install the compat4x libraries
compat5x-i386-5.4.0.8_8 A convenience package to install the compat5x libraries
compat6x-i386-6.2.602110.200706 A convenience package to install the compat6x libraries
compositeproto-0.3.1 Composite extension headers
cups-base-1.2.12 Common UNIX Printing System
curl-7.16.3 Non-interactive tool to get files from FTP, GOPHER, HTTP(S)
cyrus-sasl-2.1.22 RFC 2222 SASL (Simple Authentication and Security Layer)
daemontools-0.76_12 Service monitoring and logging utilities by djb
damageproto-1.1.0_2 Damage extension headers
db42-4.2.52_5 The Berkeley DB package, revision 4.2
dbus-1.0.2_2 A message bus system for inter-application communication
dbus-glib-0.74 GLib bindings for the D-BUS messaging system
dbus-qt3-0.70_1 Qt3 bindings for the D-BUS messaging system
demime-1.1d A tool to scrub mime from mailing lists
desktop-file-utils-0.12_1 A couple of command line utilities for working with desktop
diablo-jdk-1.5.0.07.01_7 Java Development Kit 1.5.0_07.01
dirmngr-0.9.7_2 A client for managing and downloading certificate revocatio
djbdns-1.05_10 A collection of secure and reliable DNS tools
djbfft-0.76_2 An extremely fast library for floating-point convolution
dmidecode-2.8 A tool for dumping DMI (SMBIOS) contents in human-readable
dmxproto-2.2.2 DMX extension headers

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docbook-4.1_2 V4.1 of the DocBook DTD, designed for technical documentati
docbook-sk-4.1.2_4 XML version of the DocBook DTD version controlled for Scrol
docbook-xml-4.2_1 XML version of the DocBook DTD
docbook-xml-4.3 DocBook/XML DTD V4.3, designed for technical documentation
docbook-xml-4.4 DocBook/XML DTD V4.4, designed for technical documentation
docbook-xsl-1.71.1_2 XSL DocBook stylesheets
docproj-1.17_2 The "meta-port" for the FreeBSD Documentation Project
dri-7.0.1,2 OpenGL hardware acceleration drivers for the DRI
dsssl-docbook-modular-1.79_1,1 DSSSL stylesheets for the DocBook DTD by Norman Walsh
dvd+rw-tools-7.0 DVD burning software
dviptd-20070409 Dviptd with Asian languages by CID-keyed font technology s
dvipsk-tetex-5.95a_2 Convert a TeX DVI file to PostScript
eclipse-3.2.2 An open extensible IDE for anything and nothing in particul
eclipse-datatools-0.9.1_1 Datatools for eclipse
eclipse-emf-2.2.1_1 Eclipse Modeling Framework
eclipse-gef-3.2.2_2 Graphical Editing Framework for the Eclipse IDE
eclipse-jad-3.2.4_1 Jad Java decompiler plugin for the Eclipse IDE
eclipse-vep-1.2_1,1 A framework for creating GUI builders for Eclipse
eclipse-webtools-1.5.2_1 Webtools for eclipse
editres-1.0.3 Dynamic resource editor for X Toolkit Applications
eel-2.18.3 Generally useful classes and extensions to GNOME
encodings-1.0.2,1 X.Org Encoding fonts
esound-0.2.38 A sound library for enlightenment package
evieext-1.0.2 XEVIE extension headers
expat-2.0.0_1 XML 1.0 parser written in C
faac-1.25 MPEG-2 and MPEG-4 AAC audio encoder
faad2-2.5,1 MPEG-2 and MPEG-4 AAC audio decoder
fetchmail-6.3.8_4 Batch mail retrieval utility for IMAP/POP3/ETRN/ODMR
ffmpeg-2007.07.12_3 Hyper fast realtime audio/video encoder/converter, streamin
fftw3-3.1.2 Fast C routines to compute the Discrete Fourier Transform
firefox-2.0.0.6,1 Web browser based on the browser portion of Mozilla
fixesproto-4.0 Fixes extension headers
fixrtf-0.1.20060303 A patch making it possible to embed PNGs into RTFs
flac-1.1.2_1 Free lossless audio codec
font-adobe-100dpi-1.0.0_1 X.Org Adobe 100dpi font
font-adobe-75dpi-1.0.0 X.Org Adobe 75dpi font
font-adobe-utopia-100dpi-1.0.1 X.Org Adobe Utopia 100dpi font
font-adobe-utopia-75dpi-1.0.1 X.Org Adobe Utopia 75dpi font
font-adobe-utopia-type1-1.0.1 X.Org Adobe Utopia Type1 font
font-alias-1.0.1 X.Org Font aliases
font-arabic-misc-1.0.0 X.Org miscellaneous Arabic fonts
font-bh-100dpi-1.0.0 X.Org Bigelow Holmes 100dpi font
font-bh-75dpi-1.0.0 X.Org Bigelow Holmes 75dpi font
font-bh-lucidatypewriter-100dpi-1.0.0 X.Org Bigelow Holmes Lucida TypeWriter 100dpi font
font-bh-lucidatypewriter-75dpi-1.0.0 X.Org Bigelow Holmes Lucida TypeWriter 75dpi font
font-bh-ttf-1.0.0 X.Org Bigelow & Holmes TTF font
font-bh-type1-1.0.0 X.Org Bigelow Holmes Type1 font
font-bitstream-100dpi-1.0.0 X.Org Bitstream Vera 100dpi font
font-bitstream-75dpi-1.0.0 X.Org Bitstream Vera 75dpi font
font-bitstream-type1-1.0.0 X.Org Bitstream Vera Type1 font
font-cronyx-cyrillic-1.0.0 X.Org Cronyx Cyrillic font

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font-cursor-misc-1.0.0 X.Org miscellaneous Cursor fonts
font-daewoo-misc-1.0.0 X.Org miscellaneous Daewoo fonts
font-dec-misc-1.0.0 X.Org miscellaneous Dec fonts
font-ibm-type1-1.0.0 X.Org IBM Type1 font
font-isas-misc-1.0.0 X.Org miscellaneous ISAS fonts
font-jis-misc-1.0.0 X.Org miscellaneous JIS fonts
font-micro-misc-1.0.0 X.Org miscellaneous Micro fonts
font-misc-cyrillic-1.0.0 X.Org miscellaneous Cyrillic font
font-misc-ethiopic-1.0.0 X.Org miscellaneous Ethiopic font
font-misc-meltho-1.0.0_1 X.Org miscellaneous Meltho font
font-misc-misc-1.0.0 X.Org miscellaneous Misc fonts
font-mutt-misc-1.0.0 X.Org miscellaneous Mutt fonts
font-schumacher-misc-1.0.0 X.Org miscellaneous Schumacher fonts
font-screen-cyrillic-1.0.1 X.Org Screen Cyrillic font
font-sony-misc-1.0.0 X.Org miscellaneous Sony fonts
font-sun-misc-1.0.0 X.Org miscellaneous Sun fonts
font-util-1.0.1 Create an index of X font files in a directory
font-winitzki-cyrillic-1.0.0 X.Org Winitzki Cyrillic font
font-xfree86-type1-1.0.0 X.Org XFree86 Type1 font
fontcacheproto-0.1.2 Fontcache extension headers
fontconfig-2.4.2_2,1 An XML-based font configuration API for X Windows
fontspROTO-2.0.2 Fonts extension headers
fonttosfnt-1.0.3 Wrap a bitmap font in a sftn wrapper
freetype-1.3.1_4 A free and portable TrueType font rendering engine
freetype-tools-1.3.1_5 Tools for FreeType 1
freetype2-2.2.1_2 A free and portable TrueType font rendering engine
frIBIDI-0.10.9 A Free Implementation of the Unicode Bidirectional Algorithm
fslsfonts-1.0.1 List fonts served by the X font server
fstobdf-1.0.2 Generate BDF font from X font server
fusefs-kmod-0.3.9.p1 Kernel module for fuse
fusefs-libs-2.7.0_1 FUSE allows filesystem implementation in userspace
fusefs-ntfs-1.826_1 Mount NTFS partitions (read/write) and disk images
fusefs-smbnetfs-0.3.7 Mount smb shares (Fuse filesystem)
gail-1.18.0_1 An implementation of the ATK interfaces for GTK+ widgets
gamin-0.1.9 A file and directory monitoring system
gawk-3.1.5_1 The GNU version of Awk
gccmakedep-1.0.2 Create dependencies in makefiles using 'gcc -M'
gconf2-2.18.0.1_1 A configuration database system for GNOME
gd-2.0.35,1 A graphics library for fast creation of images
gdbm-1.8.3_3 The GNU database manager
gettext-0.16.1_3 GNU gettext package
ghostscript-afpl-8.54_5,1 AFPL Postscript interpreter
glib-1.2.10_12 Some useful routines of C programming (previous stable vers
glib-2.12.13 Some useful routines of C programming (current stable versi
glimpse-4.13.1 Text search engine
glitz-0.5.6_1 OpenGL image compositing library
glproto-1.4.8 GLX extension headers
gmake-3.81_2 GNU version of 'make' utility
gmime-2.2.10 Library (written in C) for parsing and creating messages us
gnome-desktop-2.18.3 Additional UI API for GNOME 2
gnome-doc-utils-0.10.3_1 GNOME doc utils

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gnome-icon-theme-2.18.0_1 A collection of icons for the GNOME 2 desktop
gnome-keyring-0.8.1_1 A program that keeps passwords and other secrets
gnome-menus-2.18.3 Implementation of the FreeDesktop Desktop Menu Spec
gnome-mime-data-2.18.0_1 A MIME and Application database for GNOME
gnome-panel-2.18.3 Panel component for the GNOME 2 Desktop
gnome-vfs-2.18.1_2 GNOME Virtual File System
gnome_subr-1.0 Common startup and shutdown subroutines used by GNOME scrip
gnomehier-2.2_2 A utility port that creates the GNOME directory tree
gnupg-2.0.4 The GNU Privacy Guard
gnutls-1.6.3 GNU Transport Layer Security library
gpac-libgpac-0.4.4,1 Gpac MPEG-4 Systems library and headers
gpgme-1.1.5 A library to make access to GnuPG easier
gsfonts-8.11_4 Fonts used by GNU Ghostscript (or X)
gstreamer-0.10.14 Development framework for creating media applications
gstreamer-ffmpeg-0.10.2_1 GStreamer plug-in for manipulating MPEG video streams
gstreamer-plugins-0.10.14,3 GStreamer written collection of plugins handling several me
gstreamer-plugins-a52dec-0.10.6_2,3 Gstreamer ATSC A/52 stream aka AC-3 (dvd audio) plugin
gstreamer-plugins-bad-0.10.5_2,3 Bad gstreamer-plugins
gstreamer-plugins-core-0.10_9 Core set of typical audio and video gstreamer-plugins
gstreamer-plugins-dts-0.10.5_3,3 Gstreamer dts plugin
gstreamer-plugins-dvd-0.10.6_1,3 Gstreamer dvd plugin set
gstreamer-plugins-gconf-0.10.6_4,3 Gstreamer gconf plugin
gstreamer-plugins-gnomevfs-0.10.14_2,3 Gstreamer gnomevfs plugin
gstreamer-plugins-good-0.10.6,3 Good gstreamer-plugins
gstreamer-plugins-hal-0.10.6_1,3 Gstreamer hal plugin
gstreamer-plugins-libpng-0.10.6_2,3 Gstreamer png plugin
gstreamer-plugins-mad-0.10.6_3,3 Gstreamer mp3 decoder plugin
gstreamer-plugins-mp3-0.10.0 Gstreamer Plugins Mp3 decoder meta-port
gstreamer-plugins-mpeg2dec-0.10.6_2,3 Gstreamer mpeg decode plugin
gstreamer-plugins-ogg-0.10.14_2,3 Gstreamer Ogg bitstream plugin
gstreamer-plugins-pango-0.10.14_2,3 Gstreamer pango textoverlay plugin
gstreamer-plugins-theora-0.10.14_3,3 Gstreamer theora plugin
gstreamer-plugins-ugly-0.10.6,3 Ugly gstreamer-plugins
gstreamer-plugins-vorbis-0.10.14_3,3 Gstreamer vorbis encoder/decoder plugin
gstreamer-plugins-xvid-0.10.5_1,3 Gstreamer xvid plugin
gtar-1.18_1 GNU version of the traditional tar archiver
gtk-1.2.10_18 Gimp Toolkit for X11 GUI (previous stable version)
gtk-2.10.14 Gimp Toolkit for X11 GUI (current stable version)
gtk-engines2-2.10.2 Theme engine for the gtk+-2.0 toolkit
gtkglarea-1.99.0_10 An OpenGL widget for the GTK+2 GUI toolkit
gtkspell-2.0.11_5 A GTK+ 2 spell checking component
hal-0.5.8.20070909 Hardware Abstraction Layer for simplifying device access
help2man-1.36.4_1 Automatically generating simple manual pages from program o
hicolor-icon-theme-0.10_2 A high-color icon theme shell from the FreeDesktop project
hidentd-0.4 Simple and secure ident (RFC1413) server
htdig-3.2.0.b6_2 A www indexing and searching system
html-4.01_2 All W3C published SGML DTDs for HTML
html2text-1.3.2a Converts HTML documents into plain text
iceauth-1.0.1 ICE authority file utility for X
ico-1.0.1 Displays a wire-frame rotating plyhedron
icon-naming-utils-0.8.2 Utilities of the Tango project

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icu-3.6 International Components for Unicode (from IBM)
ilbc-r3951 Internet Low Bit Rate codec (RFC3951)
imake-1.0.2_4,1 Imake and other utilities from X.Org
imlib-1.9.15_5 A graphic library for enlightenment package
inputproto-1.3.2 Input extension headers
intltool-0.36.1 Tools to internationalize various kinds of data files
iso-codes-1.4 Lists of the country, language and currency iso names
iso8879-1986_2 Character entity sets from ISO 8879:1986 (SGML)
jackit-0.103.0 A low-latency audio server
jad-1.5.8c Jad, a Java decompiler
jadetex-3.13_2 A TeX backend for Jade, for typesetting SGML documents
jasper-1.900.1_6 An implementation of the codec specified in the JPEG-2000 s
javavmwrapper-2.3 Wrapper script for various Java Virtual Machines
jbigkit-1.6 Lossless compression for bi-level images such as scanned pa
jpeg-6b_4 IJG's jpeg compression utilities
k3b-1.0.3 A CD/DVD recording GUI for KDE
kbproto-1.0.3 KB extension headers
kde-icons-GorillaSVG-1.4 KDE Gorilla SVG iconset
kde-icons-IcOsX-0.7 KDE IcOsX iconset
kde-icons-amaranth-0.8 KDE smooth iconset
kde-icons-amaranth-althaea-0.5 KDE iconset like Crystal SVG, but simpler and with more sha
kde-icons-cezanne-0.3b KDE Cezanne iconset
kde-icons-gartoon-blue-svg-1.3 KDE Gartoon Blue SVG iconset
kde-icons-gartoon-svg-1.3 KDE Gartoon SVG iconset
kde-icons-graphite-rade8-1.03 KDE Mac OS X like iconset, most from rad-e8 design
kde-icons-kool-gorilla-1.3.5 KDE Kool Gorilla iconset
kde-icons-krystaline-1.1.6 KDE Krystaline iconset
kde-icons-lime-rade8-1.01 KDE Mac OS X like iconset, most from rad-e8 design
kde-icons-lush-0.1.0 KDE Lush complete iconset
kde-icons-marbles-translucent-0.1.3 KDE Marbles Translucent iconset
kde-icons-nuvola-1.0_1 KDE Nuvola iconset, SVG evolution of SKY
kde-icons-realistic-0.10 KDE Realistic complete photo-based iconset
kde-icons-sky-0.7.3 KDE SKY iconset
kde-icons-steel-1.2.5 KDE iconset comprised of Steel/Silver icons with shadows
kde-icons-umicons-2.0 KDE Umicons iconset
kde-xdg-env-1.0_3,1 Script which hooks into startkde and helps KDE pick up XDG
kdeaddons-3.5.7 Additional plugins and scripts for some KDE applications
kdeaddons-atlantikdesigner-3.5.7 Editor for Atlantik
kdeaddons-kaddressbook-plugins-3.5.7 Plugins for KAddressbook
kdeaddons-kate-plugins-3.5.7 Additonal plugins and features for kate
kdeaddons-kfile-plugins-3.5.7 Plugins for Konqueror (in filemanager mode)
kdeaddons-kicker-applets-3.5.7 Additional applets for Kicker
kdeaddons-knewsticker-scripts-3.5.7 Additional scripts for KNewsTicker
kdeaddons-konq-plugins-3.5.7 Additonal plugins and features for Konqueror
kdeaddons-ksig-3.5.7 Signature randomiser, available standalone or as a plugin w
kdeaddons-noatun-plugins-3.5.7 Various plugins for Noatun
kdeaddons-renamedlg-plugins-3.5.7 Plugins for Konqueror's rename dialog
kdeartwork-3.5.7 Additional themes, sounds, wallpapers and window styles for
kdebase-3.5.7_2 Basic applications for the KDE system
kdebase-kompmgr-3.5.7 Utility needed to enable XComposite support in KDE
kdegames-3.5.7 Games for the KDE integrated X11 desktop

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kdegraphics-3.5.7_1 Graphics utilities for the KDE3 integrated X11 desktop
kdegraphics-kamera-3.5.7 Digital camera support for KDE
kdegraphics-kuickshow-3.5.7 KDE image viewer
kdehier-1.0_11 Utility port which installs a hierarchy of shared KDE direc
kdelibs-3.5.7_1 Base set of libraries needed by KDE programs
kdemultimedia-3.5.7_1 Multimedia utilities for the KDE integrated X11 desktop
kdemultimedia-mpeglib_artsplug-3.5.7_1 Legacy KDE audio backend
kdemultimedia-xine_artsplugin-3.5.7 Xine-based multimedia backend for KDE
kdenetwork-3.5.7 Network-related programs and modules for KDE
kdenetwork-kopete-0.12.5 KDE multi-protocol instant messenger (IM)
kdepim-3.5.7 Personal Information Management tools for KDE
kdetoys-3.5.7 Small applications for KDE
kdeutils-3.5.7 Utilities for the KDE integrated X11 desktop
kmplayer-0.9.3_2,2 KDE frontend to mplayer
koffice-1.6.3_2,2 Office Suite for KDE3
ktorrent-2.1.4_1 BitTorrent client for KDE
lame-3.97_1 ISO code based fast MP3 encoder kit
latex-cjk-4.7.0_1 A LaTeX2e macro package which enables the use of CJK script
lcms-1.17,1 Light Color Management System — a color management library
libFS-1.0.0 The FS library
libGL-7.0.1 OpenGL library that renders using GLX or DRI
libGLU-7.0.1 OpenGL utility library
libICE-1.0.3,1 Inter Client Exchange library for X11
libIDL-0.8.8 A library for creating trees of CORBA IDL files
libSM-1.0.3,1 Session Management library for X11
libX11-1.1.2_1,1 X11 library
libXScrnSaver-1.1.2 The XScrnSaver library
libXTrap-1.0.0 The XTrap library
libXau-1.0.3_2 Authentication Protocol library for X11
libXaw-1.0.3,1 X Athena Widgets library
libXcomposite-0.3.2,1 X Composite extension library
libXcursor-1.1.8_1 X client-side cursor loading library
libXdamage-1.1.1 X Damage extension library
libXdmp-1.0.2 X Display Manager Control Protocol library
libXevie-1.0.2 The Xevie library
libXext-1.0.3,1 X11 Extension library
libXfixes-4.0.3 X Fixes extension library
libXfont-1.2.8,1 X font library
libXfontcache-1.0.4 The Xfontcache library
libXft-2.1.12 A client-sided font API for X applications
libXi-1.0.2,1 X Input extension library
libXinerama-1.0.2,1 X11 Xinerama library
libXmu-1.0.3,1 X Miscellaneous Utilities libraries
libXp-1.0.0,1 X print library
libXpm-3.5.6_1 X Pixmap library
libXprintAppUtil-1.0.1 The XprintAppUtil library
libXprintUtil-1.0.1 The XprintUtil library
libXrandr-1.2.1 X Resize and Rotate extension library
libXrender-0.9.2 X Render extension library
libXres-1.0.3_1 X Resource usage library
libXt-1.0.5 X Toolkit library

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libXtst-1.0.2 X Test extension
libXv-1.0.3,1 X Video Extension library
libXvMC-1.0.4 X Video Extension Motion Compensation library
libXxf86dga-1.0.1 X DGA Extension
libXxf86misc-1.0.1 X XF86-Misc Extension
libXxf86vm-1.0.1 X Vidmode Extension
liba52-0.7.4_1 A free library for decoding ATSC A/52 streams, aka AC-3
libao-0.8.8 Portable audio output library
libart_lgpl-2.3.19,1 Library for high-performance 2D graphics
libassuan-1.0.3 IPC library used by GnuPG and gpgme
libaudiofile-0.2.6 A sound library for SGI audio file
libbonobo-2.18.0_1 A component and compound document system for GNOME2
libbonoboui-2.18.0_1 GUI frontend to the libbonobo component of GNOME 2
libcddb-1.3.0 A library to access data on a CDDb server
libcdio-0.77_2 Compact Disc Input and Control Library
libcroco-0.6.1 CSS2 parsing library
libdaemon-0.12 Lightweight C library that eases the writing of UNIX daemon
libdca-0.0.5 Free DTS Coherent Acoustics decoder
libdmx-1.0.2 DMX extension library
libdrm-2.3.0 Userspace interface to kernel Direct Rendering Module servi
libdvdcss-1.2.9_2 Portable abstraction library for DVD decryption
libdvdnv-0.1.10_2 The library for the xine-dvnav plugin
libdvdrad-0.9.7_2 This is needed by ogle, which is a DVD player that supports
libexif-0.6.15 Library to read digital camera file meta-data
libfame-0.9.1_2 A video encoding library
libfontenc-1.0.4 The fontenc Library
libfpx-1.2.0.12 Library routines for working with Flashpix images
libgcrypt-1.2.4_1 "General purpose crypto library based on code used in GnuPG
libggi-2.2.2_1,1 A flexible drawing library
libgii-1.0.2_1 GGI API for input sources
libglade2-2.6.2 GNOME glade library
libglut-7.0.1 OpenGL utility toolkit
libgmp-4.2.1_2 A free library for arbitrary precision arithmetic
libgnome-2.18.0_1 Libraries for GNOME, a GNU desktop environment
libgnomecanvas-2.14.0_3 A graphics library for GNOME
libgnomeui-2.18.1_1 Libraries for the GNOME GUI, a GNU desktop environment
libgpg-error-1.5 Common error values for all GnuPG components
libgphoto2-2.4.0 A universal digital camera picture control tool
libgsf-1.14.7 An extensible i/o abstraction for dealing with structured f
libiconv-1.9.2_2 A character set conversion library
libid3tag-0.15.1b ID3 tags library (part of MAD project)
libidn-0.6.14 Internationalized Domain Names command line tool
libksba-1.0.1_1 KSBA is an X.509 Library
libltdl-1.5.22_2 System independent dlopen wrapper
libmad-0.15.1b_2 Libmad library (part of MAD project)
libmng-1.0.9 Multiple-image Network Graphics (MNG) reference library
libmodplug-0.8.4 ModPlug mod-like music shared libraries
libmpcdec-1.2.6 High quality audio compression format
libmpeg2-0.4.1_1 A free library for decoding mpeg-2 and mpeg-1 video streams
libmusicbrainz-2.1.5 2nd generation incarnation of the CD Index - audio metadata
libogg-1.1.3,3 Ogg bitstream library

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liboil-0.3.12 Library of optimized inner loops
liboldX-1.0.1 Old X library
libopensync-0.22_1 Freedesktop synchronization framework
libpaper-1.1.21_3 A library providing routines for paper size management
librsvg2-2.18.2 Library for parsing and rendering SVG vector-graphic files
libsamplerate-0.1.2_2 Secret Rabbit Code: a Sample Rate Converter for audio
libsndfile-1.0.17_1 Reading and writing files containing sampled sound (like WA
libthai-0.1.5_2 Thai language support library
libtheora-1.0.a7_1 Theora video codec for the Ogg multimedia streaming system
libtool-1.5.22_4 Generic shared library support script
libublio-20070103 User space caching library
libungif-4.1.4_5 Tools and library routines for working with GIF images
libusb-0.1.12_1 Library giving userland programs access to USB devices
libvolume_id-0.75.0_1 Library to provide file system type information
libvorbis-1.2.0,3 Audio compression codec library
libwmf-0.2.8.4_2 Tools and library for converting Microsoft WMF (windows met
libwnck-2.18.3 Library used for writing pagers and tasklists
libwpd-0.8.9_1 Tools for importing and exporting WordPerfect(tm) documents
libwww-5.4.0_4 The W3C Reference Library
libxine-1.1.7_1 Libraries for xine multimedia player
libxkbfile-1.0.4 XKB file library
libxkbui-1.0.2 The xkbui library
libxml2-2.6.30 XML parser library for GNOME
libxslt-1.1.22 The XSLT C library for GNOME
linc-1.0.3_6 A library for writing networked servers & clients
links-0.98,1 Lynx-like text WWW browser
linux-atk-1.9.1 Accessibility Toolkit, Linux/i386 binary
linux-expat-1.95.8 Linux/i386 binary port of Expat XML-parsing library
linux-flashplugin-9.0r48 Adobe Flash Player NPAPI Plugin
linux-fontconfig-2.2.3_7 Linux/i386 binary of Fontconfig
linux-glib2-2.6.6 Version 2.X Linux/i386 binary port of GLib
linux-gtk2-2.6.10 GTK+ library, version 2.X, Linux binary
linux-jpeg-6b.34 RPM of the JPEG lib
linux-openssl-0.9.7f SSL and crypto library (Linux Version)
linux-pango-1.8.1 Linux pango binary
linux-png-1.2.8_2 RPM of the PNG lib
linux-realplayer-10.0.8.805.20060718_1 Linux RealPlayer 10 from RealNetworks
linux-tiff-3.7.1 TIFF library, Linux/i386 binary
linux-xorg-libs-6.8.2_5 Xorg libraries, linux binaries
linux_base-fc-4_10 Base set of packages needed in Linux mode (for i386/amd64)
linuxdoc-1.1_1 The Linuxdoc SGML DTD
listres-1.0.1 List resources in widgets
liveMedia-2007.07.25,1 LIVE.COM Streaming Media
localedata-5.4 Legacy locale data for FreeBSD 6+
luit-1.0.2_2 Locale and ISO 2022 support for Unicode terminals
lynx-2.8.6.5_1,1 A non-graphical, text-based World-Wide Web client
lzo-1.08_2,1 Portable speedy, lossless data compression library
m4-1.4.9 GNU m4
maildrop-2.0.4 Mail delivery agent (MDA) with filtering abilities
makedepend-1.0.1,1 A dependency generator for makefiles
maven2-2.0.7 Java project management tool, 2.0 branch

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mime-support-3.39.1 MIME Media Types list
mkcomposecache-1.2_1 Program to create Compose cache files
mkfontdir-1.0.3 Create an index of X font files in a directory
mkfontscale-1.0.3 Creates an index of scalable font files for X
mldonkey-2.9.1 A OCAML client for multiple peer-to-peer networks
mmencode-2.7 Translate to and from mail-oriented encoding formats
mpeg4ip-libmp4v2-1.5.0.1 Mpeg-4 library and tools from mpeg4ip
mplayer-0.99.10_13 High performance media player supporting many formats
mplayer-skins-1.1.2_6 Skins for MPlayer's Graphical User Interface (GUI)
mutt-devel-1.5.16_2 The Mongrel of Mail User Agents (development version)
mysql-client-5.0.45 Multithreaded SQL database (client)
nas-1.8_1 Network Audio System
nasm-0.98.39,1 General-purpose multi-platform x86 assembler
nautilus-2.18.3 File manager for the GNOME desktop
nautilus-cd-burner-2.18.2 CD burner view for Nautilus
ncurses-5.6_1 Library for terminal-independent, full-screen output
neon-0.26.4 An HTTP and WebDAV client library for Unix systems
net-snmp-5.3.1_3 An extendable SNMP implementation
netpbm-10.26.44 A toolkit for conversion of images between different format
normalizemime-1.18.20070320_1 A mime normalizer to be used as a preprocessor for email cl
npluginwrapper-0.9.91.5 A compatibility plugin for Netscape 4 (NPAPI) plugins
nspr-4.6.7 A platform-neutral API for system level and libc like funct
nss-3.11.7 Libraries to support development of security-enabled applic
nvidia-driver-100.14.11 Nvidia graphics card binary drivers for hardware OpenGL ren
ocaml-3.09.3_1 The Objective Caml compiler and programming environment
ocaml-lablgl-1.02_1 OpenGL interface for Objective Caml
ocaml-lablgtk2-2.6.0_4 An Objective Caml interface to GTK+ 2.x
oclock-1.0.1 Round clock application for X
open-motif-2.2.3_5 Motif X11 Toolkit (industry standard GUI (IEEE 1295))
openal-20060211_6 A 3D positional spatialized sound library
openjade-1.3.3p1 Object-oriented SGML/XML parser toolkit and DSSSL engine
opendap-client-2.3.38 Open source LDAP client implementation
openslp-1.2.1_2 Open-source implementation of the Service Location Protocol
openssh-portable-4.7.p1,1 The portable version of OpenBSD's OpenSSH
opera-9.23.20070809 A blazingly fast, full-featured, standards-compliant browse
opera-linuxplugins-9.21.20070510_1 Linux plugin support for the native Opera browser
ortp-0.13.0 A Real-time Transport Protocol (RTP) stack
p5-Authen-SASL-2.10_1 Perl5 module for SASL authentication
p5-Compress-Raw-Zlib-2.006 Low-Level Interface to zlib compression library
p5-Compress-Zlib-2.006 Perl5 interface to zlib compression library
p5-Digest-1.15 Modules that calculate message digests
p5-Digest-HMAC-1.01 Perl5 interface to HMAC Message-Digest Algorithms
p5-Digest-MD5-2.36 Perl5 interface to the MD5 algorithm
p5-Digest-SHA1-2.11 Perl interface to the SHA-1 Algorithm
p5-Font-AFM-1.19 An interface to Adobe font metrics files
p5-GSSAPI-0.24 Perl extension providing access to the GSSAPIv2 library
p5-HTML-Format-2.04 A module to format HTML to text or PS
p5-HTML-Parser-3.56 Perl5 module for parsing HTML documents
p5-HTML-Tagset-3.10 Some useful data table in parsing HTML
p5-HTML-Tree-3.23 A collection of modules to manipulate HTML syntax trees
p5-IO-Compress-Base-2.006 Base Class for IO::Uncompress modules

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p5-IO-Compress-Zlib-2.006 Perl5 interface for reading and writing of (g)zip files
p5-MIME-Base64-3.07 Perl5 module for Base64 and Quoted-Printable encodings
p5-Net-1.22,1 Perl5 modules to access and use network protocols
p5-Test-Harness-2.64 Run perl standard test scripts with statistics
p5-Test-Simple-0.70 Basic utilities for writing tests in perl
p5-Time-HiRes-1.9707,1 A perl5 module implementing High resolution time, sleep, and
p5-URI-1.35 Perl5 interface to Uniform Resource Identifier (URI) refere
p5-XML-Namespacesupport-1.09_1 A simple generic namespace support class
p5-XML-Parser-2.34_2 Perl extension interface to James Clark's XML parser, expat
p5-XML-SAX-0.16 Simple API for XML
p5-XML-SAX-Expat-0.39 Simple API for XML
p5-XML-Simple-2.18 Trivial API for reading and writing XML (esp config files)
p5-gettext-1.05_1 Message handling functions
p5-libwww-5.805 Perl5 library for WWW access
p5-type1inst-0.6.1_4 A script that helps install Postscript fonts in X Window Sy
p7zip-4.53_1 File archiver with high compression ratio
pango-1.16.5 An open-source framework for the layout and rendering of i1
pccts-1.33.33 The Purdue Compiler Construction Tool Set
pciids-20070906 Database of all known ID's used in PCI devices
pcre-7.3 Perl Compatible Regular Expressions library
pdksh-5.2.14p2_2 The Public Domain Korn Shell
perl-threaded-5.8.8 Practical Extraction and Report Language
pilot-link-0.12.2,1 Suite of tools used to connect and sync your Palm handled
pinentry-qt-0.7.2_6 QT version of the gnupg password dialog
pkg-config-0.22 A utility to retrieve information about installed libraries
png-1.2.18 Library for manipulating PNG images
policykit-0.1.20060514_4 Framework for controlling access to system-wide components
polipo-1.0.2 A small and fast caching web proxy
polypaudio-0.7_4 Sound server for UNIX
poppler-0.6 A PDF rendering library
poppler-data-0.1 Poppler encoding data
poppler-gtk-0.6 Gtk bindings to poppler
poppler-qt-0.6 Qt bindings to poppler
popt-1.7_4 A getopt(3) like library with a number of enhancements, fro
portaudio-18.1_2 Portable cross-platform Audio API
portconf-1.2 A universal tool to set specific port knobs
portupgrade-devel-2.3.1 FreeBSD ports/packages administration and management tool s
postgresql-client-8.2.4 PostgreSQL database (client)
postgresql-libpqxx-2.6.9 A new C++ interface for PostgreSQL
postgresql-server-8.2.4_1 The most advanced open-source database available anywhere
printproto-1.0.3 Print extension headers
procmail-3.22_6 A local mail delivery agent
pstree-2.31 List processes as a tree
pth-2.0.7 GNU Portable Threads
py25-libxml2-2.6.30 Python interface for XML parser library for GNOME
py25-xml-0.8.4 PyXML: Python XML library enhancements
python25-2.5.1 An interpreted object-oriented programming language
qca-tls-1.0_2 SSL/TLS plugin for Qt
qmail-1.03_5 A secure, reliable, efficient, simple, and fast MTA
qmake-3.3.8_1 The build utility of the Qt project
qt-copy-3.3.8_5 Multiplatform C++ application framework (+ KDE patches)

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randrproto-1.2.1 Randr extension headers
recordproto-1.13.2 RECORD extension headers
renderproto-0.9.2 RenderProto protocol headers
resourceproto-1.0.2 Resource extension headers
rgb-1.0.1 Uncompile an rgb corl-name database
rpm-3.0.6_13 The Red Hat Package Manager
rpm2cpio-1.2_2 Convert .rpm files for extraction with /usr/bin/cpio, needs
rstart-1.0.2 Sample implementation of a Remote Start client
rsync-2.6.9_1 A network file distribution/synchronization utility
rtc-2004.02.24.1_8 Kernel module which provides /dev/rtc device support
ruby+threads+oniguruma-1.8.6_2,1 An object-oriented interpreted scripting language
ruby18-bdb42-0.6.2 Ruby interface to Sleepycat's Berkeley DB revision 2 or lat
ruby18-deplate-0.8 Ruby tool for converting wiki-like markup
samba-3.0.25a_1,1 A free SMB and CIFS client and server for UNIX
samba-libsmbclient-3.0.25a_1 Shared libs from the samba package
scr2png-1.2_1 Converts the output of "vidcontrol -p" to PNG
scr2txt-1.2 Converts the output of "vidcontrol -p" to text
screen-4.0.3 A multi-screen window manager
scripts-1.0.1 Various X related scripts
scnrsaverproto-1.1.0 ScrnSaver extension headers
scrollkeeper-0.3.14_8,1 An Open Document Cataloging Project
sdl-1.2.11_1,2 Cross-platform multi-media development API
sdocbook-xml-1.1,1 "Simplified" DocBook XML DTD
serialmail-0.75_2 Tools for passing mail across serial links
sessreg-1.0.2 Manage utmp/wtmp entries for non-init X clients
setxkbmap-1.0.3 Set the keyboard using the X Keyboard Extension
shared-mime-info-0.22 A MIME type database from the FreeDesktop project
showfont-1.0.1 Font dumper for the X font server
smpeg-0.4.4_7 A free MPEG1 video player library with sound support
smproxy-1.0.2 Session Manager Proxy
speex-1.2.b2,1 An open-source patent-free voice codec
sqlite3-3.4.1 An SQL database engine in a C library w/ Tcl wrapper
startup-notification-0.9_1 Library that supports startup notification spec from freedesktop
subversion-1.4.4_1 Version control system
sudo-1.6.9.4 Allow others to run commands as root
svgalib-1.4.3_5 A low level console graphics library
swig-1.3.31_1 Simplified Wrapper and Interface Generator
t1lib-5.1.1_2,1 A Type 1 Rasterizer Library for UNIX/X11
t1utils-1.32 Six utilities for manipulating t1 fonts
taglib-1.4_2 Library for manipulating ID3 tags and Ogg comments
tcl-8.4.15_2,1 Tool Command Language
teTeX-base-3.0_12 Thomas Esser's distribution of TeX & friends (binaries)
teTeX-texmf-3.0_5 Thomas Esser's distribution of TeX & friends (texmf tree)
tex-texmflocal-1.9 Meta-port that creates a site-local \$TEXMF directory
texi2html-1.76_1,1 Texinfo to HTML converter
tidy-20000804_2 Fixes and tidies up HTML files
tiff-3.8.2_1 Tools and library routines for working with TIFF images
tightvnc-1.3.8_2 Enhanced version of VNC
tk-8.4.15_3,2 Graphical toolkit for TCL
tnef-1.4.3 Unpack data in MS Outlook TNEF format
totem-2.18.2 A gstreamer-based video player for the GNOME 2 Desktop

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tracker-0.6.1_1 Object database, tag/metadata database, search tool and ind
trapproto-3.4.3 DEC-XTRAP extension headers
tft2pt1-3.4.4_2 True Type Font to Postscript Type 1 Converter
twm-1.0.3_3 Tab Window Manager for the X Window System
ucspi-ssl-0.70_1 UCSPI tools for building SSL client-server applications
ucspi-tcp-0.88_2 Command-line tools for building TCP client-server applicati
unzip-5.52_3 List, test and extract compressed files in a ZIP archive
usendmail-0.1.6_1 A replacement for qmail's sendmail drop-in
v4l_compat-1.0.20060801 Video4Linux compatibility header
vcdimager-0.7.23_3 GNU VCDImager/VCDRip -- The GNU VideoCD Image Maker/Ripping
videoproto-2.2.2 Video extension headers
viewres-1.0.1 Graphical class browser for Xt
wget-1.10.2_1 Retrieve files from the Net via HTTP and FTP
win32-codecs-3.1.0.r1,1 Huge compilation of Win32 binary video codecs
wv-1.2.4_1 A library and executables to access Microsoft Word files
wv2-0.2.3_1 A library providing routines to access Microsoft Word files
x11perf-1.4.1 X11 server performance test program
x264-0.0.20070708 Multimedia library and tool for encoding H.264/AVC video st
xanim-2.92.0_2 Play most popular animation formats and show pictures
xauth-1.0.2 X authority file utility
xbiff-1.0.1 Mailbox flag for X
xbindkeys-1.8.2_1 Allows you to launch shell commands under X with your keybo
xbitmaps-1.0.1 X.Org bitmaps data
xcalc-1.0.1 Scientific calculator for X
xclick-0.1_1 Generates X11 mouse button click events
xclipboard-1.0.1 X clipboard client
xclock-1.0.2 Analog and digital clock for X
xcmiscproto-1.1.2 XCMisc extension headers
xcmsdb-1.0.1 Device Color Characterization utility for X
xconsole-1.0.2 Monitor system console messages with X
xcursor-themes-1.0.1_1 X.org cursors themes
xcursorgen-1.0.1 Create an X cursor file from a collection of PNG images
xbedizzy-1.0.2 Demo of DBE creating a double buffered spinning scene
xditview-1.0.1 Display ditroff output
xdm-1.1.4_3 X.Org X display manager
xdpyinfo-1.0.2 Display information utility for X
xdriinfo-1.0.1_1 Query configuration information of DRI drivers
xedit-1.0.2 Simple text editor for X
xev-1.0.2 Print contents of X events
xextproto-7.0.2 XExt extension headers
xeyes-1.0.1 A follow the mouse X demo
xf86-input-keyboard-1.1.1 X.Org keyboard input driver
xf86-input-mouse-1.1.2 X.Org mouse input driver
xf86-video-ati-6.6.3_2 X.Org ati display driver
xf86-video-fbdev-0.3.1 X.Org fbdev display driver
xf86-video-mga-1.4.6.1_1 X.Org mga display driver
xf86-video-nv-2.1.3 X.Org nv display driver
xf86-video-vesa-1.3.0 X.Org vesa display driver
xf86-video-vga-4.1.0 X.Org vga display driver
xf86bigfontproto-1.1.2 XFree86-Bigfont extension headers
xf86dga-1.0.2 Test program for the XFree86-DGA extension

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xf86dgaproto-2.0.2 XFree86-DGA extension headers
xf86driproto-2.0.3 XFree86-DRI extension headers
xf86miscproto-0.9.2 XFree86-Misc extension headers
xf86rushproto-1.1.2 XFree86-Rush extension headers
xf86vidmodeproto-2.2.2 XFree86-VidModeExtension extension headers
xfd-1.0.1 Display all characters in an X font
xfindproxy-1.0.1 Locate available proxy services
xfontsel-1.0.2 Point and click selection of X11 font names
xfs-1.0.4_4,1 X.Org font server
xfsinfo-1.0.1 X font server information utility
xftp-1.0.1 X firewall proxy
xgamma-1.0.1 Gamma correction through the X server.
xgc-1.0.1 X graphics demo
xhost-1.0.1 Server access control program for X
xhtml-1.0.20020801_4 W3C's XHTML DTD
xine-0.99.5 An X11 multimedia player
xineramaproto-1.1.2 Xinerama extension headers
xinit-1.0.4_1 X Window System initializer
xkbcomp-1.0.3 Compile XKB keyboard description
xkbevd-1.0.2 XKB event daemon
xkbprint-1.0.1 Utility for printing an XKB keyboard description
xkbutils-1.0.1 XKB utility demos
xkeyboard-config-1.0_1 X Keyboard Configuration Database
xkill-1.0.1 Utility for killing a client by its X resource
xload-1.0.2 System load average display for X
xlogo-1.0.1 Displays the X Window System logo.
xlsatoms-1.0.1 List interned atoms defined on a server
xlsclients-1.0.1 List client applications running on a display
xlsfonts-1.0.2 Server font list displayer for X
xmag-1.0.1 X application for screen magnifying
xman-1.0.2 Manual page display program for X
xmessage-1.0.1 Display message or query in a X window
xmh-1.0.1 Send and read mail with an X interface to MH
xmlcatmgr-2.2 SGML and XML catalog manager
xmlcharent-0.3_2 XML character entities
xmodmap-1.0.2 Utility for modifying keymaps and pointer button mappings i
xmore-1.0.1 Plain text display program for X
xorg-7.2 X.Org complete distribution metaport
xorg-apps-7.2 X.org apps meta-port
xorg-cf-files-1.0.2_2 X.org cf files for use with imake builds
xorg-docs-1.3,1 X.org documentation files
xorg-drivers-7.2_2 X.org drivers meta-port
xorg-fonts-100dpi-7.2 X.Org 100dpi bitmap fonts
xorg-fonts-7.2 X.org fonts meta-port
xorg-fonts-75dpi-7.2 X.Org 75dpi bitmap fonts
xorg-fonts-cyrillic-7.2 X.Org Cyrillic bitmap fonts
xorg-fonts-miscbitmaps-7.2 X.Org miscellaneous bitmap fonts
xorg-fonts-truetype-7.2 X.Org TrueType fonts
xorg-fonts-type1-7.2 X.Org Type1 fonts
xorg-libraries-7.2_2 X.org libraries meta-port
xorg-protos-7.2 X.org protos meta-port

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xorg-server-1.2.0_2,1 X.Org X server and related programs
xphelloworld-1.0.1 Sends a test page to an Xprint printer
xplsprinters-1.0.1 Shows a list of Xprint printers
xpr-1.0.2 Utility for printing an X window dump
xprehashprinterlist-1.0.1 Recomputes the list of available printers.
xprop-1.0.2 Property displayer for X
xproto-7.0.10 X11 protocol headers
xproxymanagementprotocol-1.0.2 X Proxy Management Protocol headers
xrandr-1.2.0 Primitive command line interface to the RandR extension
xrdb-1.0.3 X server resource database utility
xrefresh-1.0.2 Refresh all or part of an X screen
xrx-1.0.1 RX helper program
xset-1.0.2 User preference utility for X
xsetmode-1.0.0 Set the mode for an X Input Device
xsetpointer-1.0.0 Set an X Input device as the main pointer
xsetroot-1.0.1 root window parameter setting utility for X
xsm-1.0.1 X Session Manager
xstdcmap-1.0.1 X standard colormap utility
xterm-229 Terminal emulator for the X Window System
xtrans-1.0.3 Abstract network code for X
xtrap-1.0.2 XTrap sample clients for X
xulrunner-1.8.0.4_7 Mozilla runtime package that can be used to bootstrap XUL+X
xvid-1.1.3,1 An opensource MPEG-4 codec, based on OpenDivx
xvidtune-1.0.1 Video mode tuner for X
xvinfo-1.0.1 Print out X-Video extension adaptor information
xvkbd-2.6_3 A virtual keyboard for X applica