

## 6.2 buildworld fails without "NO\_CXX=YES"

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*Source:* <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/stable/2007-01/msg00817.html>

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- *From:* archon <archon\_666@xxxxxxx>
  - *Date:* Mon, 29 Jan 2007 23:47:50 +0500
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I've just updated the sources in FreeBSD 6.2-RELEASE and tried to rebuild world. With option 'NO\_CXX=YES' in /etc/make.conf world compiled successful, if this option not added 'make buildworld' failed. 'make buildworld' fails:

```
<..>
```

```
====> gnu/usr.bin/groff/src/libs/libgroff (depend)
```

```
Making version.cpp
```

```
rm -f .depend
```

```
mkdep -f .depend -a -DHAVE_CONFIG_H
```

```
-I/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/include
```

```
-I/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../src/include
```

```
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/ftoa.c
```

```
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/ittoa.c
```

```
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/matherr.c
```

```
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/progname.c
```

```
mkdep -f .depend
```

```
-a /usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/assert.cpp
```

```
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/change_if.cpp
```

```
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/cmap.cpp
```

```
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/color.cpp
```

```
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/cset.cpp
```

```
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/device.cpp
```

```
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/errarg.cpp
```

```
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/error.cpp
```

```
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/fatal.cpp
```

```
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/filename.cpp
```

```
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/font.cpp
```

```
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/fontfile.cpp
```

```
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/geometry.cpp
```

```
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/glyphuni.cpp
```

```
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/htmlhint.cpp
```

```
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/hypot.cpp
```

```
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/invalid.cpp
```

```
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/lf.cpp
```

```
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/lineno.cpp
```

```
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/macropath.cpp
```

```
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/maxfilename.cpp
```

```
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/mksdir.cpp
```

```
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/nametoindex.cpp
```

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```
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/new.cpp
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/paper.cpp
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/prime.cpp
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/ptable.cpp
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/searchpath.cpp
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/string.cpp
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/strsave.cpp
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/symbol.cpp
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/tmpfile.cpp
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/tmpname.cpp
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/unicode.cpp
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/uniglyph.cpp
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/uniuni.cpp version.cpp
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/cmap.cpp:27:18: cmap.h:
No such file or directory
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/color.cpp:26:17: lib.h: No
such file or directory
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/color.cpp:27:19: color.h:
No such file or directory
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/color.cpp:28:18: cset.h: No
such file or directory
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/color.cpp:37:20: errarg.h:
No such file or directory
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/color.cpp:38:19: error.h:
No such file or directory
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/cset.cpp:28:17: lib.h: No
such file or directory
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/cset.cpp:29:18: cset.h: No
such file or directory
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/device.cpp:22:20:
device.h: No such file or directory
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/device.cpp:23:18: defs.h:
No such file or directory
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/errarg.cpp:24:20: errarg.h:
No such file or directory
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/error.cpp:24:20: errarg.h:
No such file or directory
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/error.cpp:25:19: error.h:
No such file or directory
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/font.cpp:22:17: lib.h: No
such file or directory
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/font.cpp:28:20: errarg.h:
No such file or directory
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/font.cpp:29:19: error.h: No
such file or directory
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/font.cpp:30:18: cset.h: No
such file or directory
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/font.cpp:31:18: font.h: No
such file or directory
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/font.cpp:32:19: paper.h:
No such file or directory
```

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/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/fontfile.cpp:22:17: lib.h:  
No such file or directory  
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/fontfile.cpp:27:18: font.h:  
No such file or directory  
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/fontfile.cpp:28:24:  
searchpath.h: No such file or directory  
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/fontfile.cpp:29:20:  
device.h: No such file or directory  
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/fontfile.cpp:30:18: defs.h:  
No such file or directory  
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/glyphuni.cpp:22:17: lib.h:  
No such file or directory  
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/glyphuni.cpp:23:25:  
stringclass.h: No such file or directory  
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/glyphuni.cpp:24:20:  
ptable.h: No such file or directory  
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/glyphuni.cpp:26:21:  
unicode.h: No such file or directory  
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/htmlhint.cpp:20:17: lib.h:  
No such file or directory  
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/htmlhint.cpp:25:22:  
nonposix.h: No such file or directory  
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/htmlhint.cpp:26:25:  
stringclass.h: No such file or directory  
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/htmlhint.cpp:27:26:  
html-strings.h: No such file or directory  
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/invalid.cpp:22:17: lib.h:  
No such file or directory  
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/lf.cpp:23:17: lib.h: No  
such file or directory  
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/lf.cpp:24:18: cset.h: No  
such file or directory  
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/lf.cpp:25:25: stringclass.h:  
No such file or directory  
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/macropath.cpp:21:17:  
lib.h: No such file or directory  
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/macropath.cpp:22:24:  
searchpath.h: No such file or directory  
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/macropath.cpp:23:23:  
macropath.h: No such file or directory  
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/macropath.cpp:24:18:  
defs.h: No such file or directory  
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/maxfilename.cpp:23:17:  
lib.h: No such file or directory  
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/nametoindex.cpp:22:17:  
lib.h: No such file or directory  
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/nametoindex.cpp:27:20:  
errarg.h: No such file or directory  
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/nametoindex.cpp:28:19:  
error.h: No such file or directory  
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/nametoindex.cpp:29:18:

## 6.2 buildworld fails without "NO\_CXX=YES"

font.h: No such file or directory  
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/nametoindex.cpp:30:20:  
ptable.h: No such file or directory  
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/new.cpp:21:17: lib.h: No  
such file or directory  
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/new.cpp:26:19: posix.h:  
No such file or directory  
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/new.cpp:27:22:  
nonposix.h: No such file or directory  
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/paper.cpp:22:17: lib.h: No  
such file or directory  
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/paper.cpp:23:19: paper.h:  
No such file or directory  
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/ptable.cpp:20:20: ptable.h:  
No such file or directory  
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/ptable.cpp:21:20: errarg.h:  
No such file or directory  
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/ptable.cpp:22:19: error.h:  
No such file or directory  
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/searchpath.cpp:22:17:  
lib.h: No such file or directory  
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/searchpath.cpp:28:24:  
searchpath.h: No such file or directory  
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/searchpath.cpp:29:22:  
nonposix.h: No such file or directory  
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/string.cpp:22:17: lib.h: No  
such file or directory  
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/string.cpp:24:25:  
stringclass.h: No such file or directory  
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/symbol.cpp:22:17: lib.h:  
No such file or directory  
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/symbol.cpp:24:20:  
errarg.h: No such file or directory  
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/symbol.cpp:25:19: error.h:  
No such file or directory  
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/symbol.cpp:26:20:  
symbol.h: No such file or directory  
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/tmpfile.cpp:22:17: lib.h:  
No such file or directory  
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/tmpfile.cpp:27:19: posix.h:  
No such file or directory  
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/tmpfile.cpp:28:20:  
errarg.h: No such file or directory  
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/tmpfile.cpp:29:19: error.h:  
No such file or directory  
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/tmpfile.cpp:30:22:  
nonposix.h: No such file or directory  
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/tmpname.cpp:25:17: lib.h:  
No such file or directory  
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/tmpname.cpp:32:19:  
posix.h: No such file or directory

## 6.2 buildworld fails without "NO\_CXX=YES"

```
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/tmpname.cpp:33:22:
nonposix.h: No such file or directory
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/unicode.cpp:22:17: lib.h:
No such file or directory
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/unicode.cpp:23:18: cset.h:
No such file or directory
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/unicode.cpp:24:25:
stringclass.h: No such file or directory
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/unicode.cpp:26:21:
unicode.h: No such file or directory
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/uniglyph.cpp:22:17: lib.h:
No such file or directory
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/uniglyph.cpp:23:25:
stringclass.h: No such file or directory
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/uniglyph.cpp:24:20:
ptable.h: No such file or directory
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/uniglyph.cpp:26:21:
unicode.h: No such file or directory
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/uniuni.cpp:25:17: lib.h: No
such file or directory
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/uniuni.cpp:26:25:
stringclass.h: No such file or directory
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/uniuni.cpp:27:20: ptable.h:
No such file or directory
/usr/src/gnu/usr.bin/groff/src/libs/libgroff/../../../../contrib/groff/src/libs/libgroff/uniuni.cpp:29:21:
unicode.h: No such file or directory
mkdep: compile failed
*** Error code 1
```

```
Stop in /usr/src/gnu/usr.bin/groff/src/libs/libgroff.
*** Error code 1
```

```
Stop in /usr/src/gnu/usr.bin/groff/src/libs.
*** Error code 1
```

```
Stop in /usr/src/gnu/usr.bin/groff/src.
*** Error code 1
```

```
Stop in /usr/src/gnu/usr.bin/groff.
*** Error code 1
```

```
Stop in /usr/src/gnu/usr.bin.
*** Error code 1
```

```
Stop in /usr/src/gnu.
*** Error code 1
```

```
Stop in /usr/src.
*** Error code 1
```

```
Stop in /usr/src.
```

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My kernel configuration file:

```
machine i386
cpu I686_CPU
ident TRISHA

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 CD9660 # ISO 9660 Filesystem
options PROCFS # Process filesystem (requires
PSEUDOFS)
options PSEUDOFS # Pseudo-file system 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 ADAPTIVE_GIANT # Giant mutex is adaptive.

device apic # I/O APIC

# Bus support.
device eisa
device pci

# atkbd0 controls both the keyboard and the PS/2 mouse
device atkbd # AT keyboard controller
device atkbd # AT keyboard
device psm # PS/2 mouse
```

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```
device kbdmux # keyboard multiplexer

device vga # VGA video card driver

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

# Add suspend/resume support for the i8254.
device pmtimer

# Pseudo devices.
device loop # Network loopback
device random # Entropy device
device ether # Ethernet support
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 DRIVER
#device uhci
#device ohci
#device ehci
#device usb
#device ucom
#device uplcom

# SOUND DRIVER
#device sound
#device snd_ich

# NETWORK DRIVER
#device miibus
#device sis

# SERIAL PORT DRIVER
device sio

# ATA AND ATAPI DRIVER
device ata
device atadisk
device atapicd
device atapicam
options ATA_STATIC_ID
```

6.2 buildworld fails without "NO\_CXX=YES"

## 6.2 buildworld fails without "NO\_CXX=YES"

```
# SCSI DRIVER
device cd
device scbus
device pass
```

My /etc/make.conf configuration file:

```
CPUTYPE?=pentium4
CFLAGS=-O0 -g -pipe
MAKE_SHELL?=sh
COPTFLAGS=-O0 -g -pipe
CXXFLAGS=-O0 -g -pipe
X_WINDOW_SYSTEM=xorg
KERNCONF=GENERIC # TRISHA
ALWAYS_CHECK_MAKE=YES
SUP_UPDATE=YES
SUP=/usr/local/bin/cvsup
SUPFLAGS=-g -L 2
SUPHOST=cvsup.ru.FreeBSD.org
SUPFILE="/home/archon/etc/cvsup/src-supfile"
PORTSSUPFILE="/home/archon/etc/cvsup/ports-supfile"
DOCSUPFILE="/home/archon/etc/cvsup/doc-supfile"
DOC_LANG=en_US.ISO8859-1 ru_RU.KOI8-R
```

```
MODULES_OVERRIDE=sound/sound sound/driver/ich mii sis ucom uplcom
linprocfs linux acpi/acpi usb libiconv libmchain smbfs cd9660_iconv
```

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freebsd-stable@xxxxxxxxxxx mailing list

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