

---

Subject: fc4 ov-kernel build troubles

Posted by [slavik](#) on Tue, 01 Nov 2005 07:28:25 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

can't build 2.6.8.1-ve022stab044

--- make bzImage

```
[root@localhost linux-2.6.8]# make bzImage
```

```
CHK include/linux/version.h
```

```
UPD include/linux/version.h
```

```
HOSTCC scripts/kconfig/mconf.o
```

non-static declaration

```
make[2]: *** [scripts/kconfig/mconf.o] Error 1
```

```
make[1]: *** [silentoldconfig] Error 2
```

```
make: *** [include/linux/autoconf.h] Error 2
```

```
---
```

```
[root@localhost ~]# uname -a
```

```
Linux localhost.localdomain 2.6.11-1.1369_FC4 #1 Thu Jun 2 22:55:56 EDT 2005 i686 i686 i386
```

```
GNU/Linux
```

```
[root@localhost ~]# gcc -v
```

```
Using built-in specs.
```

```
Target: i386-redhat-linux
```

```
Configured with: ../configure --prefix=/usr --mandir=/usr/share/man --infodir=/usr/share/info
```

```
--enable-shared --enable-threads=posix --enable-checking=release --with-system-zlib
```

```
--enable-__cxa_atexit --disable-libunwind-exceptions --enable-libgcj-multifile
```

```
--enable-languages=c,c++,objc,java,f95,ada --enable-java-awt=gtk
```

```
--with-java-home=/usr/lib/jvm/java-1.4.2-gcj-1.4.2.0/jre --host=i386-redhat-linux
```

```
Thread model: posix
```

```
gcc version 4.0.0 20050519 (Red Hat 4.0.0-8)
```

---

---

Subject: Re: fc4 ov-kernel build troubles

Posted by [dev](#) on Tue, 01 Nov 2005 08:19:41 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

1. we'll fix gcc4 compilation. thanks for report.
  2. AFAIK you'll still need to update your gcc due to bugs in 4.0.0 to make kernel compile correctly.
  3. as a workaround you can install gcc-compat and build it with an early version of gcc.
- 

---

Subject: Re: fc4 ov-kernel build troubles

Posted by [kir](#) on Tue, 01 Nov 2005 10:21:14 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

We do not support gcc4 (yet). To compile OpenVZ kernel on Fedora Core 4 system, you have to

install and use compat-gcc-32 package. Something like this should work:

```
yum install compat-gcc-32  
make CC=gcc32 HOSTCC=gcc32 bzImage
```

---

---

Subject: Re: fc4 ov-kernel build troubles  
Posted by [slavik](#) on Tue, 01 Nov 2005 11:18:35 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

dev wrote on Tue, 01 November 2005 13:192. AFAIK you'll still need to update your gcc due to bugs in 4.0.0 to make kernel compile correctly..

I think it is a problem of 2.6.8, because 2.6.8.1 isn't compilable, but 2.6.14 has been compiled successful with gcc4. dev wrote on Tue, 01 November 2005 13:193. as a workaround you can install gcc-compat and build it with an early version of gcc.  
tnx, solved.

---

---

Subject: Re: fc4 ov-kernel build troubles  
Posted by [dev](#) on Tue, 01 Nov 2005 11:21:01 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

I meant bugs in gcc 4.0.0, which produced incorrect code.

---