Subject: unable to comile kernel (2.6.8) on ubuntu
Posted by Xandrian on Sun, 23 Apr 2006 17:16:13 GMT
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hi,

i am not able to compile a 2.6.8 kernel on ubuntu linux 5.10. if i start a "make menuconfig" i got the following lines:

```
  HOSTCC  scripts/basic/fixdep
  HOSTCC  scripts/basic/split-include
  HOSTCC  scripts/basic/docproc
  SHIPPED scripts/kconfig/zconf.tab.h
  HOSTCC  scripts/kconfig/conf.o
  HOSTCC  scripts/kconfig/mconf.o
scripts/kconfig/mconf.c:91: error: static declaration of 'current_menu' follows non-static declaration
scripts/kconfig/lkc.h:63: error: previous declaration of 'current_menu' was here
make[1]: *** [scripts/kconfig/mconf.o] Error 1
make: *** [menuconfig] Error 2
```

if i make the config manually and tried then to compile it via "make" it get this:

```
  CHK     include/linux/version.h
  UPD     include/linux/version.h
  SYMLINK include/asm -> include/asm-x86_64
  HOSTCC  scripts/kconfig/mconf.o
scripts/kconfig/mconf.c:91: error: static declaration of 'current_menu' follows non-static declaration
scripts/kconfig/lkc.h:63: error: previous declaration of 'current_menu' was here
make[2]: *** [scripts/kconfig/mconf.o] Error 1
make[1]: *** [silentoldconfig] Error 2
make: *** [include/linux/autoconf.h] Error 2
```

i searched the internet and other people have the same problem. the makes problem with gcc4. ubuntu uses gcc version 4.0.2 20050808 (prerelease) (Ubuntu 4.0.1-4ubuntu9). there are also some patches but no one realy worked...

so i cannot test the stable version and have to go to the testing which crashed sometimes... (see http://forum.openvz.org/index.php?t=tree&goto=2831&# msg_2831).

cu tb.

Subject: Re: unable to comile kernel (2.6.8) on ubuntu
Posted by dev on Mon, 24 Apr 2006 07:01:40 GMT
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Hmm... this was fixed long ago with:

```
diff -Naru a/scripts/kconfig/mconf.c b/scripts/kconfig/mconf.c
--- a/scripts/kconfig/mconf.c 2005-11-01 01:31:51 -08:00
+++ b/scripts/kconfig/mconf.c 2005-11-01 01:31:51 -08:00
@@ -88,7 +88,7 @@
 static int indent;
 static struct termios ios_org;
 static int rows = 0, cols = 0;
-static struct menu *current_menu;
+struct menu *current_menu;
 static int child_count;
 static int do_resize;
 static int single_menu_mode;
```

Can you check please, that you have this patch applied?
Also, I wonder what version of stable kernel do you try to build?

Subject: Re: unable to comile kernel (2.6.8) on ubuntu
Posted by Xandrian on Mon, 24 Apr 2006 07:23:35 GMT
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i am using the 2.6.8 from kernel org...

with that batch i can compile the kernel but if i restart the machine it hangs (maybe a kernel oops or so). it's a remote server and so i don't see the message

the config should work because it's the same like the running 2.6.16...

cu tb.

Subject: Re: unable to comile kernel (2.6.8) on ubuntu
Posted by dev on Mon, 24 Apr 2006 07:28:23 GMT
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2.6.8 from kernel.org, but what version of OpenVZ patch do you use?
2.6.8-022stab076? It looks like you didn't applied OVZ patch, did you?

it can hang due to drivers, and OpenVZ has a lot of driver updates
for hardware.

Subject: Re: unable to comile kernel (2.6.8) on ubuntu

Posted by Xandrian on Mon, 24 Apr 2006 07:32:06 GMT
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i am using the latest stable (patch-022stab076-combined.gz). i don't know why it doesn't work earlier...

maybe it hangs here. it's a production system and so i cannot "play" so lot btw: the testing version runs stable for about two days now and i also had load about 10 yesterday

cu tb.