How to modify Linux Configuration for installing PCCOM driver

First, get your kernel source file and type 「make menuconfig」 in your kernel source folder.

```
[root@localhost ~]# ls
anaconda-ks.cfg  Desktop  install.log  install.log.syslog  src  workspace
[root@localhost ~]# cd src/
[root@localhost src]# ls
linux-2.6.15.i686  linux-2.6.15.i686.tgz
[root@localhost src]# cd linux-2.6.15.i686
[root@localhost linux-2.6.15.i686]# ls
arch     CREDITS       fs        Kbuild       Makefile       README          sound
block    crypto        include   kernel       Makefile.orig  REPORTING-BUGS  System.map
configs  Documentation init      lib          mm             scripts         usr
COPYING  drivers       ipc       MAINTAINERS  net            security        vmlinux
[root@localhost linux-2.6.15.i686]# make menuconfig
```
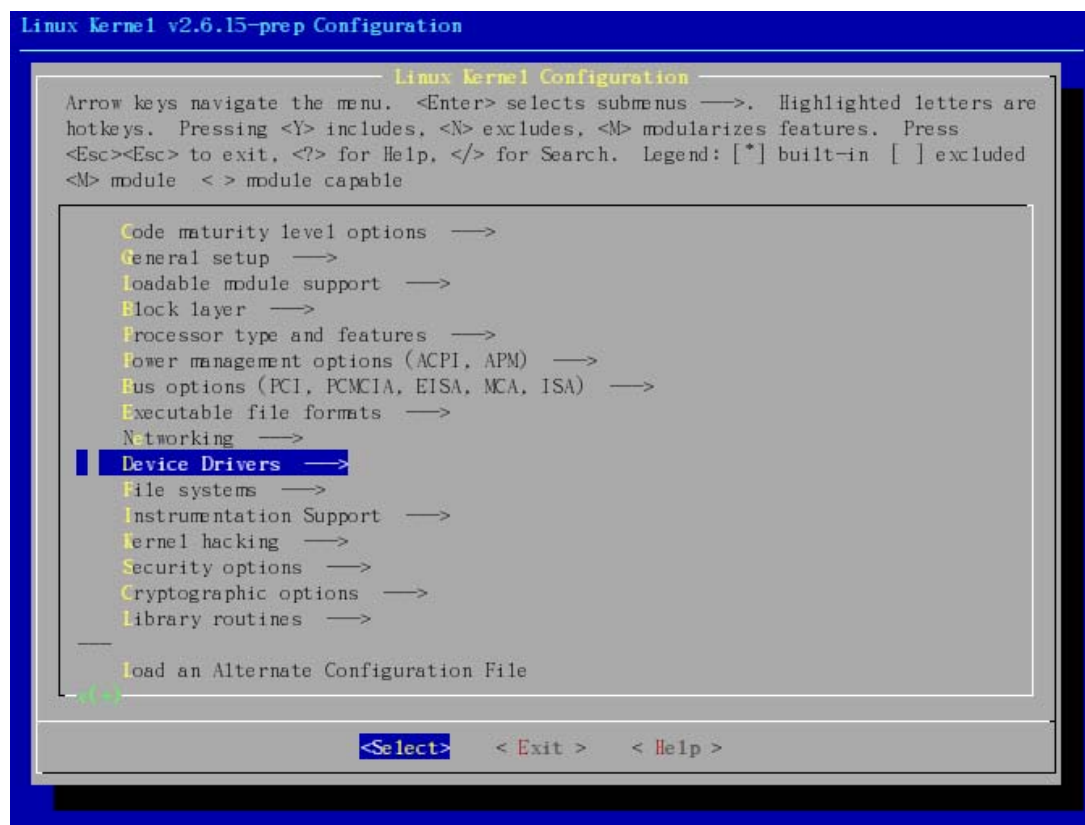
Fig:1

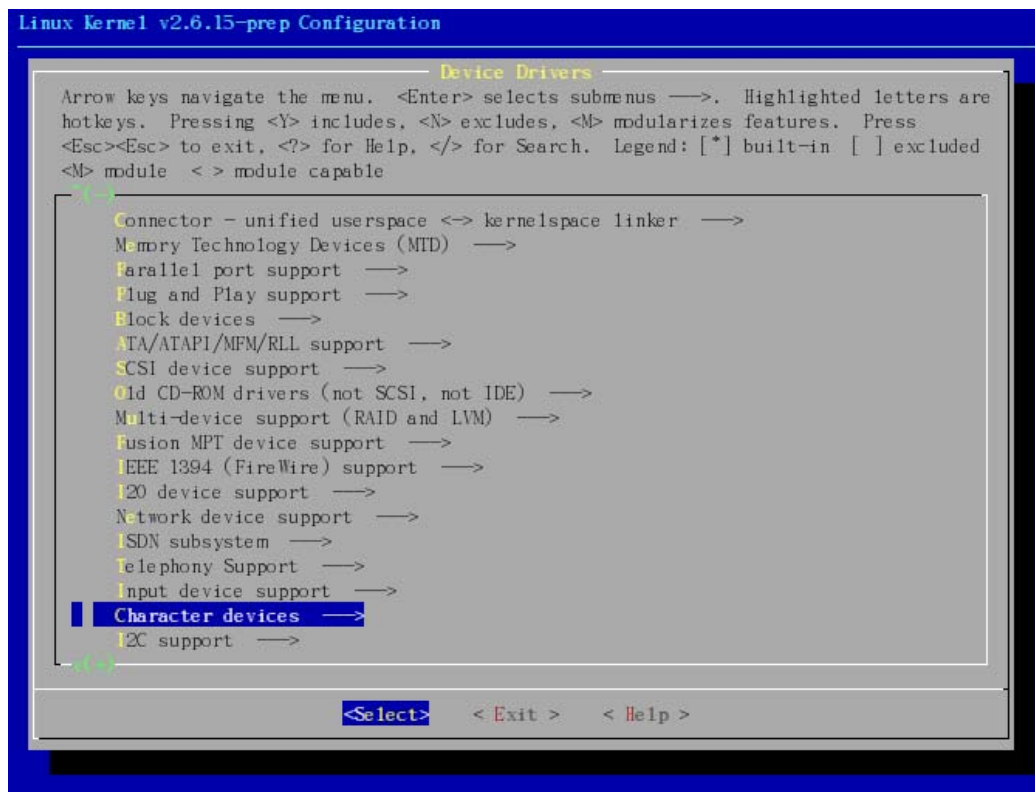Select 「Device Drivers」

Fig:2

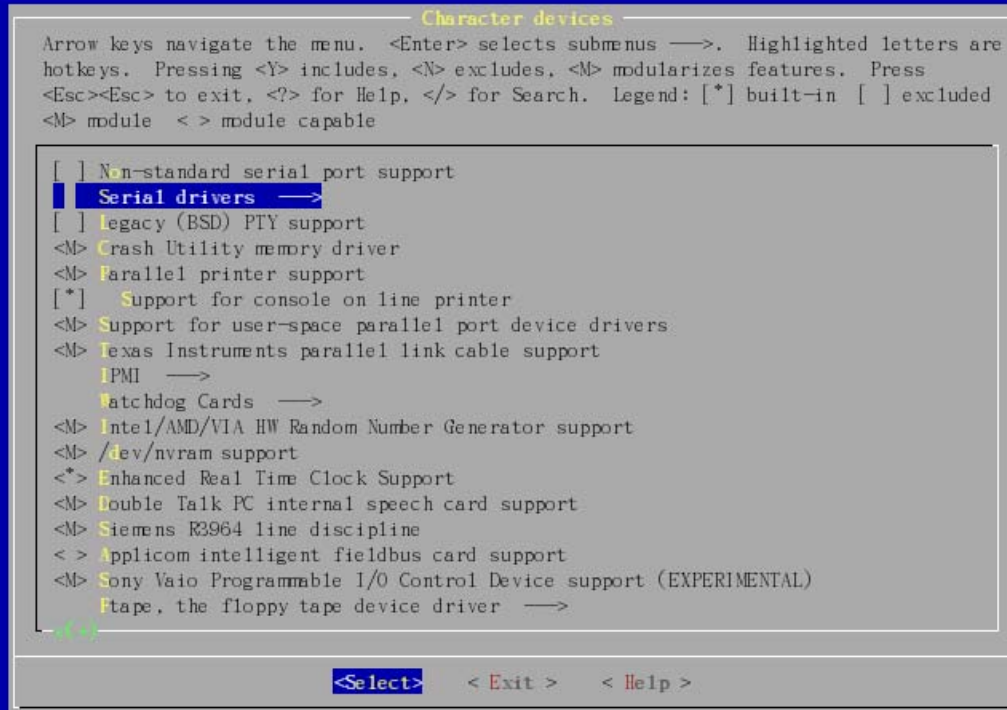Select 「Character devices」

Fig:3

Select 「Serial drivers」
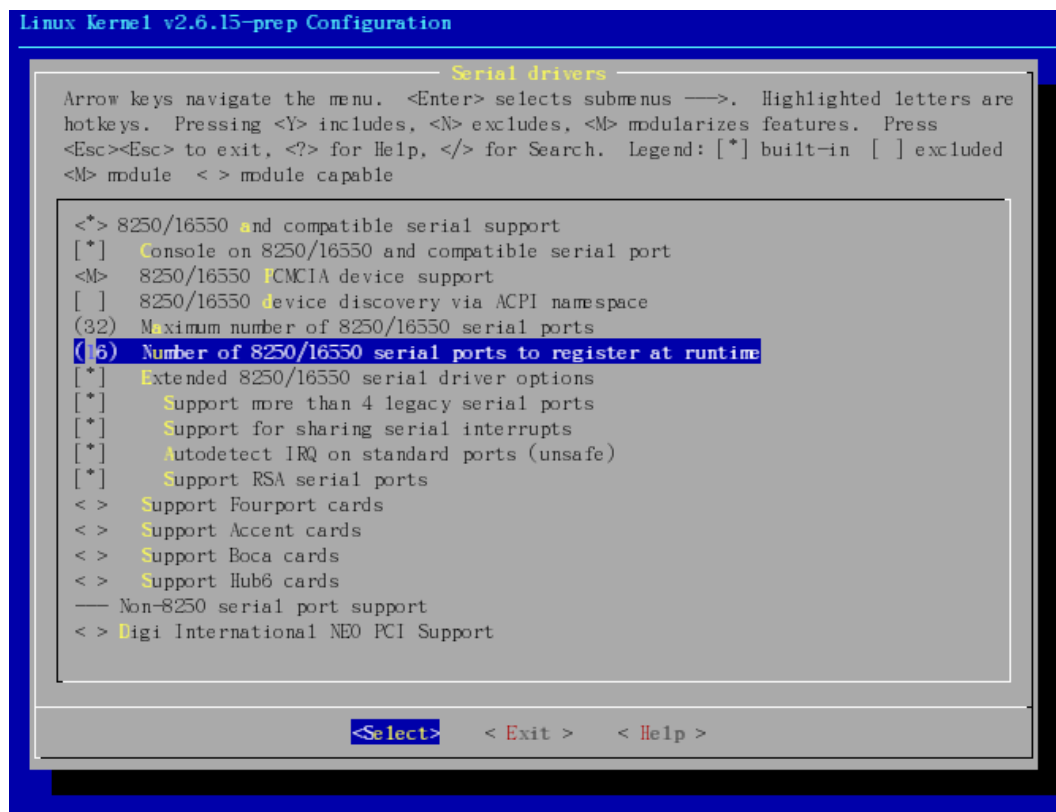
Fig:4

Choose 「Number of 8250/16550…」.

Fig:5

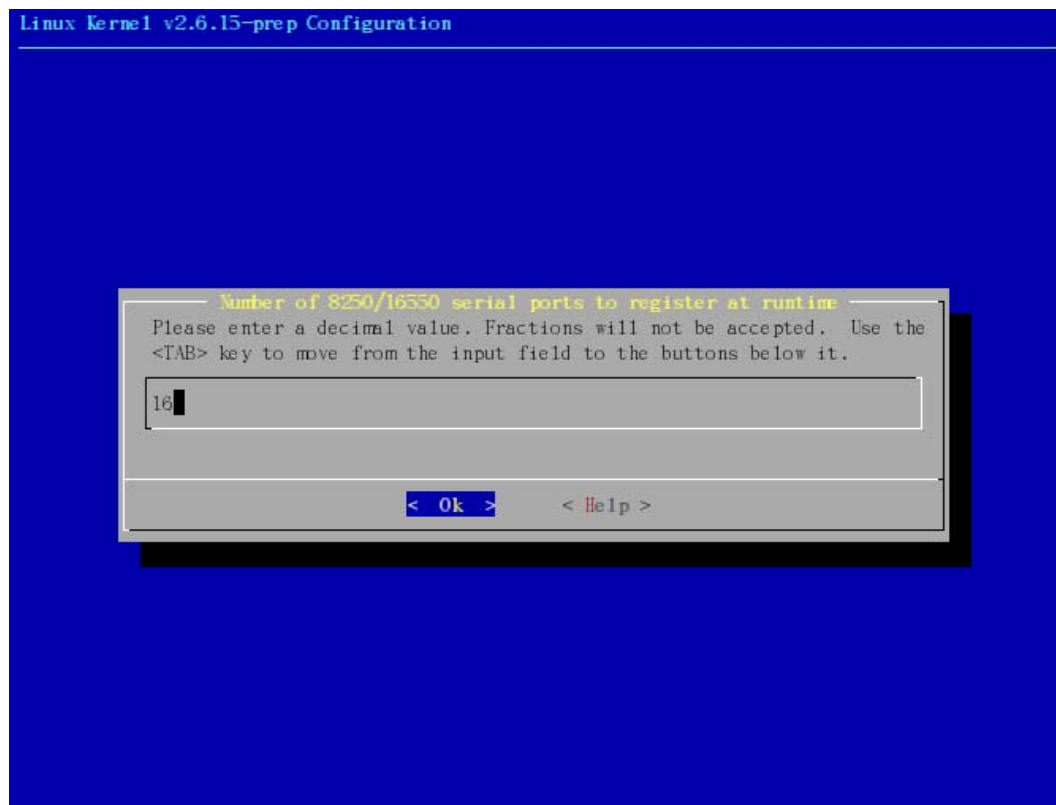And type how many ports you want to install, for example ,16.

Fig:6

After finishing above configuration, you can begin to build/compile a new linux kernel.

The following URL is a tuition which can teach you how to build a kernel.

http://www.linux.com/howtos/Linux-i386-Boot-Code-HOWTO/kbuild.shtml

http://kernelnewbies.org/FAQ

http://www.digitalhermit.com/linux/Kernel-Build-HOWTO.html