

Advanced Linux Configuration

This section will describe the process of installing the latest PCMCIA drivers for linux and changing the boot configuration to boot to Windows by default. This section also covers other miscellaneous configurations necessary for various models of laptop. Be advised that this is a work in progress and anybody may contribute to this section.

Installing The Latest PCMCIA Drivers

This sub-section will describe the procedure for installing the latest PCMCIA drivers. For the latest driver, go to the following URL. <http://src.doc.ic.ac.uk/Mirrors/sourceforge.org/pcmcia-cs/> Remember that the driver ending in the odd number will be a development driver.

1. Insert the driver disk into the floppy drive
2. At the pound sign type: `tar xvf /dev/fd0` and press enter
3. At the pound sign type: `mv /root/pcmcia-cs-3.1.24.tar.gz /usr/src` and press enter.
4. At the pound sign type: `cd /usr/src` and press enter.
5. At the pound sign type: `tar zxvf pcmcia-cs-3.1.24.tar.gz` and press *enter*.
6. At the pound sign type: `cd pcmcia-cs-3.1.24` and press *enter*.
7. At the pound sign type `make config` and press *enter*. This will run a while. When it is finished proceed. Answer all questions default.
8. At the pound sign type: `make install` and press *enter*. This will run a while. When it is finished proceed.
9. At the pound sign type: `make all` and press *enter*.
10. When this is finished, reboot the laptop
11. Boot back into linux.
12. log in as root

13. At a prompt type: *cd /etc/pcmcia/* and press *enter*
14. At a prompt type: *mcedit wireless* and press *enter*.
15. Arrow down to line 81 and insert a line that reads:
/etc/pcmcia/network.O start \$DEVICE
16. Press F10 to save and exit.

Configuring Lilo

This section of the document will explain the procedure for reconfiguring lilo so that Windows boots by default. Lilo is a bootloader program that comes with linux.

1. At the prompt type: *cd /etc* and press *enter*
 2. At the prompt type: *mcedit lilo.conf* and press *enter*.
 3. Arrow down to line 7 and change the *default=linux* statement to read *default=dos*.
 4. Press F10 to save and exit.
 5. At a prompt type: *lilo* and press *enter*
 6. This will change the boot order in lilo to default to (you guessed it) Windows.
- To boot back into linux from here out, type *linux* at the lilo boot: and press *enter*.