

Configure Wireless Card in LINUX (Fedora Core 4 -32 bit)

Steps:

1. Check your Wireless card support at <http://ndiswrapper.sourceforge.net/mediawiki/index.php/List> . This will tell you about the correct ndis driver for you card. As per specific instructions in this page one should copy(from driver cd)/download (from the link given in the page) the driver. If your card is listed in above list then go further down.
2. Download the latest ndiswrapper from <http://ndiswrapper.sourceforge.net/mediawiki/index.php/Installation>
3. `tar -zxvf ndiswrapper-version.tar.gz`
4. `cd ndiswrapper-version`
5. `make distclean`
6. `make`
7. `make install`
8. `cd <to ndis driver directory>`
9. `ndiswrapper -i filename.inf`
(Now it requires .inf file and .sys files. So keep complete driver directory here)
10. `ndiswrapper -l`
(to see the status of installed drivers. If you have installed the correct driver, you should see something like this:)
Installed ndis drivers:
bcmwl5a driver present, hardware present
11. `depmod -a`
12. `modprobe ndiswrapper`
13. `dmesg | grep ndiswrapper` (to see the ndis installation messages in log file)
14. `iwconfig`
15. `iwlist wlan0 scan`
16. `iwconfig wlan0 essid 'iitk'` ('iitk' is the essid for IIT Kanpur)
17. `iwlist wlan0 scan`
18. `ifconfig wlan0 up`

Set WLAN IP Address (KDE Desktop): Click Start Menu

System Settings à Network à New à [Select “wireless connection”] à forward à [Select “ndiswrapper (wlan0)] à forward à [Set Network Name (SSID) “ iitk”] à forward à [Select DHCP] à forward à apply

To make it activated at boot time:

System Settings à Network à Select wlan0 à Edit à Select “activate device when computer starts”