

ITRAINONLINE MMTK

Additional resources: Wireless Client Installation

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Part A: Linux

Online resources

General

Roger Weeks, Edd Dumbill, Brian Jepson: "Linux Unwired" O'Reilly Associates
<http://www.oreilly.com/catalog/lnxunwired/>

Wireless devices and their chipsets and drivers:
http://www.linux-wlan.org/docs/wlan_adapters.html.gz

Wireless drivers

hostap for prism2/2.5/3: <http://hostap.epitest.fi/>
Madwifi: <http://www.mattfoster.clara.co.uk/madwifi-faq.htm>
Orinoco: <http://www.nongnu.org/orinoco/>
ndiswrapper: <http://ndiswrapper.sourceforge.net/>
Linuxant: <http://www.linuxant.com/driverloader/>
Intel wireless/PRO 2100: <http://ipw2100.sourceforge.net/>
Intel wireless/PRO 2200: <http://ipw2200.sourceforge.net/>
prism54: <http://www.prism54.org/>
Cisco airo: <http://sourceforge.net/projects/airo-linux/>
More info: <http://www.seattlewireless.net/index.cgi/LinuxDrivers>

Software

Ubuntu Linux

<http://www.ubuntulinux.org/>

Mandrake Linux

<http://www.mandrakelinux.com/>

Red-Hat NetworkManager

<http://people.redhat.com/dcbw/NetworkManager/>

Using the awesome power and flexibility of [dbus](#) and [hal](#), NetworkManager provides facilities for other desktop applications like browsers and email clients to be aware of the network's state and adjust their operation accordingly for features like offline operation.

KwifiManager

<http://kwifimanager.sourceforge.net/>

With the application KWiFiManager you can configure and monitor your wireless LAN PC-Cards under Linux/KDE.

Wifi Radar

http://www.bitbuilder.com/wifi_radar/

WiFi Radar is a [Python/PyGTK2](#) utility for managing WiFi profiles.

Wireless tools (iwconfig etc)

http://www.hpl.hp.com/personal/Jean_Tourrilhes/Linux/Tools.html

The Linux Wireless Extension and the Wireless Tools are an **Open Source project** sponsored by [Hewlett Packard](#) (through my contribution) since 1996, and build with the **contribution of many Linux users** all over the world.

WPA on Linux (WPA_Supplicant)

http://hostap.epitest.fi/wpa_supplicant/

wpa_supplicant is a WPA Supplicant for Linux, BSD and Windows with support for WPA and WPA2 (IEEE 802.11i / RSN). Supplicant is the IEEE 802.1X/WPA component that is used in the client stations. It implements key negotiation with a WPA Authenticator and it controls the roaming and IEEE 802.11 authentication/association of the wlan driver.

OpenSSH

<http://www.openssh.com/>

OpenSSH is a **FREE** version of the SSH protocol suite of network connectivity tools that increasing numbers of people on the Internet are coming to rely on.

IPSec

<http://www.ipsec-howto.org/>

The Official IPSec How-To for Linux

Linux PPTP Client

<http://pptpclient.sourceforge.net/>

PPTP Client is a Linux, FreeBSD, NetBSD and OpenBSD client for the proprietary Microsoft Point-to-Point Tunneling Protocol, PPTP. Allows connection to a PPTP based Virtual Private Network (VPN) as used by employers and some cable and ADSL internet service providers.

OpenVPN

<http://openvpn.net/>

OpenVPN is a full-featured SSL VPN solution which can accommodate a wide range of configurations, including remote access, site-to-site VPNs, WiFi security, and enterprise-scale remote access solutions with load balancing, failover, and fine-grained access-controls

GPS Drive website

<http://www.gpsdrive.cc/>

GpsDrive is a car (bike, ship, plane) navigation system. GpsDrive displays your position provided from your NMEA capable GPS receiver on a zoomable map, the map file is autoselected depending of the position and preferred scale.

prismstumbler

<http://prismstumbler.sourceforge.net/>

Wellenreiter is a wireless network discovery tool for Prism2 based cards.

Wellenreiter

<http://www.wellenreiter.net/>

Wellenreiter is a wireless network discovery and auditing tool. Prism2, Lucent, and Cisco based cards are supported.

Books/articles

Edd Dumbill, Brian Jepson, Roger Weeks,

“Linux Unwired”

April 2004, O'Reilly

Linux Unwired is a one-stop wireless information source for on-the-go Linux users. Whether you're considering Wi-Fi as a supplement or alternative to cable and DSL, using Bluetooth to network devices in your home or office, or want to use cellular data plans for access to data nearly everywhere, this book will show you the full-spectrum view of wireless capabilities of Linux, and how to take advantage of them.

Rob Flickenger

Wireless Hacks

September 2003, O'Reilly

Written for the intermediate to advanced wireless user, Wireless Hacks is full of direct, practical, ingenious solutions to real-world networking problems. Whether your wireless network needs to extend to the edge of your office or to the other end of town, this collection of non-obvious, "from the field" techniques will show you how to get the job done.

Part B: Windows

Online resources

How to set up your computer for wireless networking in Windows XP

<http://support.microsoft.com/default.aspx?scid=kb;en-us;314897&sd=tech>

Last accessed 6 November 2005

How To Install the Client for Microsoft Networks

<http://compnetworking.about.com/cs/windowsnetworkin1/ht/client4msnet.htm>

Last accessed 6 November 2005

Install Windows 2000 Drivers and Utilities for the Cisco Aironet 340/350 Series Client Adapters

http://www.cisco.com/en/US/products/hw/wireless/ps458/products_tech_note09186a0080094cf9.shtml

How to install the CISCO Aironet card on Windows 2000

Last accessed 6 November 2005

ORiNOCO Wireless Card Install/Setup Instructions

<http://www.willamette.edu/wits/resources/docs/network/wireless/orinoco.htm>

Drivers and procedure to install ORINOCO cards on Windows

Last accessed 6 November 2005

Network Setup: Install a Simple Peer-to-Peer Wireless Network

http://www.utexas.edu/its/wireless/install/install_peer.html

Guide on how to setup a peer-to-peer wireless network for file sharing or network gaming at home.

Last accessed 6 November 2005

Wireless Ethernet Networking for Windows NT

http://www.cmu.edu/computing/documentation/wireless_nt/Wire_WinNT.html

Carnegie Mellon University documentation about wireless networking on WinNT platforms.

Last accessed 6 November 2005

Books/articles

Wireless Home Networking for Dummies

by Danny Briere, Pat Hurley, Walter Bruce

"Welcome to Wireless Home Networking For Dummies...?"

Publisher: For Dummies (May 27, 2003)

ISBN: 0764539108

802.11 Wireless Networks: The Definitive Guide

Creating and Administering Wireless Networks

Editor: O'Reilly

By Matthew Gast

1st Edition April 2002

ISBN: 0-596-00183-5

Building Wireless Community Networks, 2nd Edition

by Rob Flickenger

176 pages

Publisher: O'Reilly; 2 edition (June 23, 2003)

ISBN: 0596005024

Windows XP Home Networking

by Paul Thurrott

480 pages

Publisher: Wiley; 1 edition (July 17, 2002)

ISBN: 0764536753