

NAME

wireless - Wireless Tools and Wireless Extensions

SYNOPSIS

iwconfig
iwpriv -a

DESCRIPTION

The **Wireless Extensions** is an API allowing you manipulate Wireless LAN networking interfaces. It is composed of a variety of tools and configuration files. It is documented in more detail in the Linux Wireless LAN Howto.

The **Wireless Tools** are used to change the configuration of wireless LAN networking interfaces on the fly, to get their current configuration, to get statistics and diagnose them. They are described in their own man page, see below for references.

Wireless configuration is specific to each Linux distribution. This man page will contain in the future the configuration procedure for a few common distributions. For the time being, check the file DISTRIBUTIONS.txt included with the Wireless Tools package.

DEBIAN 3.0

In Debian 3.0 (and later) you can configure wireless LAN networking devices using the network configuration tool **ifupdown(8)**.

File : */etc/network/interfaces*

Form : wireless-<function> <value>
wireless-essid Home
wireless-mode Ad-Hoc

See also :

/etc/network/if-pre-up.d/wireless-tools
/usr/share/doc/wireless-tools/README.Debian

SuSE 8.0

SuSE 8.0 (and later) has integrated wireless configuration in their network scripts.

Tool : Yast2

File : */etc/sysconfig/network/wireless*
*/etc/sysconfig/network/ifcfg-**

Form : WIRELESS_<function>=<value>
WIRELESS_ESSID="Home"
WIRELESS_MODE=Ad-Hoc

See also :

man ifup
info scpm

ORIGINAL PCMCIA SCRIPTS

If you are using the original configuration scripts from the Pcmcia package, you can use this method.

File : */etc/pcmcia/wireless.opts*

Form : *,*,*,*)
ESSID="Home"
MODE="Ad-Hoc"
;;

See also :

/etc/pcmcia/wireless
File *PCMCIA.txt* part of Wireless Tools package

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SEE ALSO

[iwconfig\(8\)](#), [iwlist\(8\)](#), [iwsby\(8\)](#), [iwpriv\(8\)](#), [iwevent\(8\)](#).