NAME
networking, **wifi** - quickstart guide to connecting to a network

DESCRIPTION
In the following examples, it is assumed that we are connecting to Ethernet with the first interface found by the em(4) driver, and Wi-Fi with the first interface found by the iwn(4) driver, though your hardware will vary.

EXAMPLES
Connecting to an Ethernet network with DHCP:

    # dhclient em0

Connecting to a cellular network with USB tethering:

Load the USB tethering driver, urndis(4):

    # kldload urndis

Ask for a DHCP lease on the USB tethering interface:

    # dhclient ue0

Connecting to a Wi-Fi network:

Identify your Wi-Fi hardware:

    % sysctl net.wlan.devices

Configure your Wi-Fi hardware as wlan0 interface:

    # sysrc wlans_iwn0="wlan0"

Set that interface to negotiate a DHCP lease with wpa_supplicant(8):

    # sysrc ifconfig_wlan0="WPA SYNCDHCP"

Enter the details of the Wi-Fi network:

    # wpa_passphrase "myssid" "mypassphrase" >> wpa_supplicant.conf

Restart the network interface daemon:

 # service netif restart

Scanning for Wi-Fi networks:

% ifconfig wlan0 scan

Airplane mode:

 # service netif stop

SEE ALSO

bsdconfig(8), dhclient(8), ifconfig(8), wpa_passphrase(8)

The Advanced Networking chapter of the FreeBSD Handbook.

CAVEATS

Shell Special Characters in the *SSID* or *passphrase* will need to be escaped for wpa_passphrase(8), commonly using '\', see the manual page for your shell for more details.