NAME

  umodem - USB Communication Device Class serial (CDC ACM) driver

SYNOPSIS

  To compile this driver into the kernel, place the following lines in your kernel configuration file:

  device usb
  device ucom
  device umodem

  Alternatively, to load the driver as a module at boot time, place the following line in loader.conf(5):

  umodem_load="YES"

DESCRIPTION

  The **umodem** driver provides support for USB modems and serial devices that implement the Communication Device Class Abstract Control Model (CDC ACM). It also provides device-side CDC ACM support. Supported modems are basically standard serial line modems, but they are accessed via USB instead. They support a regular AT command set. The commands can either be multiplexed with the data stream or handled through separate pipes. In the latter case the AT commands have to be given on a device separate from the data device.

  The device is accessed through the ucom(4) driver which makes it behave like a tty(4).

HARDWARE

  Devices supported by the **umodem** driver include:

  - 3Com 5605
  - Curitel PC5740 Wireless Modem
  - Kyocera AH-K3001V Mobile Phone(WILLCOM)
  - Kyocera WX320K Mobile Phone(WILLCOM)
  - Metricom Ricochet GS USB wireless modem
  - Sierra MC5720 Wireless Modem
  - Yamaha Broadband Wireless Router RTW65b
  - ELSA MicroLink 56k USB modem
  - Sony Ericsson W810i phone
  - Sonim XP5300 Force

FILES

  /dev/ttyU*   for callin ports

/dev/ttyU*.init
/dev/ttyU*.lock
              corresponding callin initial-state and lock-state devices

/dev/cuaU*   for callout ports
/dev/cuaU*.init
/dev/cuaU*.lock
              corresponding callout initial-state and lock-state devices

SEE ALSO

tty(4), ucom(4), usb(4)

HISTORY

The **umodem** driver appeared in NetBSD 1.5. This manual page was adopted from NetBSD by Tom
Rhodes *<trhodes@FreeBSD.org>* in April 2002.

BUGS

Only modems with multiplexed commands and data are supported at the moment.