NAME

ucycom - device driver for Cypress CY7C63743 and CY7C64013 USB to RS232 bridges

SYNOPSIS

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

    device usb
    device hid
    device ucom
    device ucycom

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

    ucycom_load="YES"

DESCRIPTION

The **ucycom** driver provides support for the Cypress CY7C63743 and CY7C64013 bridge chips. These chips were designed to provide a low-cost transition path to USB for existing RS232 devices, and have fairly limited capabilities.

The **ucycom** driver behaves like a tty(4).

HARDWARE

The **ucycom** driver currently supports the following devices which incorporate Cypress USB to RS232 bridge chips:

- DeLorme Earthmate USB GPS receiver

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 **ucycom** driver first appeared in FreeBSD 5.3.

AUTHORS

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