NAME

hidbus - generic HID bus driver

SYNOPSIS

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

device hidbus
device hid

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

hidbus_load="YES"

DESCRIPTION

The **hidbus** driver provides support for multiple HID driver attachments to single HID transport backend. See iichid(4) or usbhid(4).

Each HID device can have several components, e.g., a keyboard and a mouse. These components use different report identifiers (a byte) combined into groups called collections to distinguish which one data is coming from. The **hidbus** driver has other drivers attached that handle particular kinds of devices and **hidbus** broadcasts data to all of them.

SYSCTL VARIABLES

The following variables are available as both sysctl(8) variables and loader(8) tunables:

hw.hid.hidbus.debug
        Debug output level, where 0 is debugging disabled and larger values increase debug message verbosity. Default is 0.

SEE ALSO

hconf(4), hcons(4), hgame(4), hidraw(4), hkbd(4), hms(4), hmt(4), hpen(4), hsctrl(4), hskbd(4), iichid(4), usbhid(4)

HISTORY

The **hidbus** driver first appeared in FreeBSD 13.0.

AUTHORS

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