NAME
hciattach − attach serial devices via UART HCI to BlueZ stack

SYNOPSIS
hciattach [**−b**] [**−n**] [**−p**] [**−t** *timeout*] [**−s** *speed*] [**−l**] [**−r**] *tty type*|*id speed flow bdaddr*

DESCRIPTION
Hciattach is used to attach a serial UART to the Bluetooth stack as HCI transport interface.

OPTIONS

−b   Send break.

−n   Don't detach from controlling terminal.

−p   Print the PID when detaching.

−t *timeout*
          Specify an initialization timeout. (Default is 5 seconds.)

−s *speed*
          Specify an initial speed instead of the hardware default.

−l   List all available configurations.

−r   Set the HCI device into raw mode (the kernel and bluetoothd will ignore it).

tty   This specifies the serial device to attach. A leading **/dev** can be omitted. Examples: **/dev/ttyS1 ttyS2**

type|*id* The *type* or *id* of the Bluetooth device that is to be attached, i.e. vendor or other device specific identifier. Currently supported types are

type	description
any	Unspecified HCI_UART interface, no vendor specific options
ericsson	Ericsson based modules
digi	Digianswer based cards
xircom	Xircom PCMCIA cards: Credit Card Adapter and Real Port Adapter
csr	CSR Casira serial adapter or BrainBoxes serial dongle (BL642)
bboxes	BrainBoxes PCMCIA card (BL620)
swave	Silicon Wave kits
bcsp	Serial adapters using CSR chips with BCSP serial protocol
ath3k	Atheros AR300x based serial Bluetooth device
intel	Intel Bluetooth device

Supported IDs are (manufacturer id, product id)

0x0105, 0x080a
          Xircom PCMCIA cards: Credit Card Adapter and Real Port Adapter

0x0160, 0x0002
          BrainBoxes PCMCIA card (BL620)

speed   The *speed* specifies the UART speed to use. Baudrates higher than 115.200bps require vendor specific initializations that are not implemented for all types of devices. In general the following speeds are supported:

9600, 19200, 38400, 57600, 115200, 230400, 460800, 921600

Supported vendor devices are automatically initialised to their respective best settings.

flow   If the keyword *flow* is appended to the list of options then hardware flow control is forced on the serial link (**CRTSCTS**). All above mentioned device types have **flow** set by default. To force no flow control use **noflow** instead.

sleep   Enables hardware specific power management feature. If *sleep* is appended to the list of options then this feature is enabled. To disable this feature use **nosleep** instead. All above mentioned device types have **nosleep** set by default.

Note: This option will only be valid for hardware which support hardware specific power management enable option from host.

bdaddr   The *bdaddr* specifies the Bluetooth Address to use. Some devices (like the STLC2500) do not store the Bluetooth address in hardware memory. Instead it must be uploaded during the initialization process. If this argument is specified, then the address will be used to initialize the device. Otherwise, a default address will be used.

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