



## ***Rocky Enterprise Linux 9.2 Manual Pages on command 'hciattach.1'***

**C:\>man hciattach.1**

HCIATTACH(1)                      Linux System Administration                      HCIATTACH(1)

### 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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BlueZ

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