Rocky Enterprise Linux 9.2 Manual Pages on command 'btmon.1'

$ man btmon.1

BTMON(1) Linux System Administration BTMON(1)

NAME

btmon - Bluetooth monitor

SYNOPSYS

btmon [OPTIONS ...]

DESCRIPTION

The btmon(1) command provides access to the Bluetooth subsystem monitor infrastructure for reading HCI traces.

OPTIONS

-r FILE, --read FILE

Read traces in btsnoop format from FILE.

-w FILE, --write FILE

Save traces in btsnoop format to FILE.

-a FILE, --analyze FILE

Analyze traces in btsnoop format from FILE. It displays the de? vices found in the FILE with its packets by type.

-s SOCKET, --server SOCKET

Start monitor server socket.

-p PRIORITY, --priority PRIORITY

Show only priority or lower for user log.

????????????????????????????????????

?PRIORITY ? NAME ?

????????????????????????????????????

?3 ? Error ?

????????????????????????????????????

?4 ? Warning ?

????????????????????????????????????

?6 ? Information (Default) ?

????????????????????????????????????

?7 ? Debug. debug can be used. ?

????????????????????????????????????

-i NUM, --index NUM

Show only specified controller. hciNUM is also acceptable. This is useful to capture the traces from the specific controller when the multiple controllers are presented.

-d TTY, --tty TTY

Read data from TTY.

-B SPEED, --rate SPEED

Set TTY speed. The default SPEED is 115300

-V COMPID, --vendor COMPID

Set the default company identifier. The COMPID is a unique num? ber assigned by the Bluetooth SIG to a member company and can be found/searched from the Bluetooth SIG webpage.

For example, Intel is 2 and Realtek is 93.

-M, --mgmt

Open channel for mgmt events.

-t, --time

Show a time instead of time offset.

-T, --date

Show a time and date information instead of time offset.

-S, --sco

Dump SCO traffic in raw hex format.

-A, --a2dp

Dump A2DP stream traffic in a raw hex format.

-E IP, --ellisys IP

Send Ellisys HCI Injection.

-P, --no-pager

Disable pager usage while reading the log file.

-J OPTIONS, --jlink OPTIONS

Read data from RTT. Each options are comma(,) seprated without spaces.

```
??????????????????????????????????????????
?OPTIONS   ? Description              ?
??????????????????????????????????????????
?DEVICE    ? Required. Set  the  target ?
?          ? device.                   ?
??????????????????????????????????????????
?SERIALNO  ? (Optional) Set the USB se? ?
?          ? rial number. Default is 0. ?
??????????????????????????????????????????
?INTERFACE ? (Optional)  Target  inter? ?
?          ? face. Default is swd.      ?
??????????????????????????????????????????
?SPEED     ? (Optional)  Set target in? ?
?          ? terface speed in kHz.  De? ?
?          ? fault is 1000.             ?
??????????????????????????????????????????
```

-R OPTIONS, --rtt OPTIONS

RTT control block parameters. Each options are comma(,) seprated without spaces.

```
??????????????????????????????????????????
?OPTIONS ? Description              ?
??????????????????????????????????????????
?ADDRESS ? (Optional) Address of  RTT ?
```

? ? buffer. Default is 0x00 ?

??????????????????????????????????????

?AREA ? (Optional) Size of range ?

? ? to search in RTT buffer. ?

? ? Default is 0 ?

??????????????????????????????????????

?NAME ? (Optional) Buffer name. ?

? ? Default is btmonitor ?

??????????????????????????????????????

-C WIDTH, --columns WIDTH

Output width if not a terminal

-c MODE, --color MODE

Set output color. The possible MODE values are: auto|al?

ways|never.

Default value is auto

-v, --version

Show version

-h, --help

Show help options

EXAMPLES

Capture the traces from hci0 to hcidump.log file

$ btmon -i hci0 -w hcidump.log

Open the trace file

$ btmon -r hcidump.log

RESOURCES

http://www.bluez.org

REPORTING BUGS

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