

**NAME**

bccmd - Utility for the CSR BCCMD interface

**SYNOPSIS**

**bccmd**

**bccmd** [-t <transport>] [-d <device>] <command> [<args>]

**bccmd** [-h --help]

**DESCRIPTION**

**bccmd** issues BlueCore commands to **Cambridge Silicon Radio** devices. If run without the <command> argument, a short help page will be displayed.

**OPTIONS**

**-t <transport>**

Specify the communication transport. Valid options are:

**HCI** Local device with Host Controller Interface (default).

**USB** Direct USB connection.

**BCSP** Blue Core Serial Protocol.

**H4** H4 serial protocol.

**3WIRE**

3WIRE protocol (not implemented).

**-d <dev>**

Specify a particular device to operate on. If not specified, default is the first available HCI device or /dev/ttyS0 for serial transports.

**COMMANDS**

**builddef**

Get build definitions

**keylen <handle>**

Get current crypt key length

**clock** Get local Bluetooth clock

**rand** Get random number

**chiprev**

Get chip revision

**buildname**

Get the full build name

**panicarg**

Get panic code argument

**faultarg**

Get fault code argument

**coldreset**

Perform cold reset

**warmreset**

Perform warm reset

**disabletx**

Disable TX on the device

**enabletx**

Enable TX on the device

**singlechan <channel>**

Lock radio on specific channel

**hoppingon**

Revert to channel hopping

**rttxdata1 <decimal freq MHz> <level>**

TXData1 radio test

**radiotest <decimal freq MHz> <level> <id>**

Run radio tests, tests 4, 6 and 7 are transmit tests

**memtypes**

Get memory types

**psget [-r] [-s <stores>] <key>**

Get value for PS key. -r sends a warm reset afterwards

**psset [-r] [-s <stores>] <key> <value>**

Set value for PS key. -r sends a warm reset afterwards

**psclr [-r] [-s <stores>] <key>**

Clear value for PS key. -r sends a warm reset afterwards

**pslist [-r] [-s <stores>]**

List all PS keys. -r sends a warm reset afterwards

**psread [-r] [-s <stores>]**

Read all PS keys. -r sends a warm reset afterwards

**psload [-r] [-s <stores>] <file>**

Load all PS keys from PSR file. -r sends a warm reset afterwards

**pscheck [-r] [-s <stores>] <file>**

Check syntax of PSR file. -r sends a warm reset afterwards

**KEYS**

bdaddr country devclass keymin keymax features commands version remver hciextn mapsco baudrate  
hostintf anafreq anaftrim usbvid usbpid dfupid bootmode

**AUTHORS**

Written by Marcel Holtmann <marcel@holtmann.org>, man page by Adam Laurie <adam@algroup.co.uk>