

NAME

bcmfw - firmware download utility for Broadcom BCM2033 chip based Bluetooth USB devices

SYNOPSIS

bcmfw [-h] -f *firmware_file_name* -m *mini-driver_file_name* -n *device_name*

DESCRIPTION

The **bcmfw** utility downloads the specified mini-driver and firmware files to the specified device.

This utility will *only* work with Broadcom BCM2033 chip based Bluetooth USB devices. The identification is currently based on USB vendor ID/product ID pair. The vendor ID should be 0x0a5c (USB_VENDOR_BROADCOM) and the product ID should be 0x2033.

Due to copyright issues I will no longer provide mini-driver and firmware files for the device. These files can be obtained from the Linux BlueZ bluez-firmware package.

Visit <http://www.bluez.org/download.html> for details.

I am using the following files from the bluez-firmware-1.0 package:

MD5 (BCM2033-MD.hex) = 5580317158d07fc4ace90af04f8e1c73

MD5 (BCM2033-FW.bin) = b4e142b3272cfe5a84b32fda6b4b032f

The options are as follows:

-f *firmware_file_name*

Specify firmware file name for download.

-h Display usage message and exit.

-m *mini-driver_file_name*

Specify mini-driver file name for download.

-n *device_name*

Specify device name.

FILES

BCM2033-MD.hex

Mini-driver image.

BCM2033-FW.bin

Firmware image.

/dev/ubtbcmfwN.EE

Endpoint *EE* of device *N*.

EXIT STATUS

The **bcmfw** utility exits 0 on success, and >0 if an error occurs.

EXAMPLES

To download the firmware into the `/dev/ubtbcmfw0` device:

```
bcmfw -n ubtbcmfw0 -m BCM2033-MD.hex -f BCM2033-FW.bin
```

SEE ALSO

ubtbcmfw(4), ugen(4)

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BUGS

Most likely. Please report if found.