

NAME

dfu-suffix – add, check, or remove DFU firmware file suffix

SYNOPSIS

dfu-suffix [*options*] **--add** *DFU_FILE*
dfu-suffix **--check** *DFU_FILE*
dfu-suffix **--delete** *DFU_FILE*
dfu-suffix **--help**
dfu-suffix **--version**

DESCRIPTION

The program **dfu-suffix** can be used to add, check or remove a DFU firmware file suffix, recommended for safely matching a firmware file and device.

Note that a suffix is recommended by the DFU standard, but not required. A DFU host tool like **dfu-util** will recognize the suffix and use it to check that the device is matching, but not transfer the suffix to the device.

OPTIONS

-v, --vid *vendorID*
Specify USB vendor ID (hexadecimal)

-p, --pid *productID*
Specify USB product ID (hexadecimal)

-d, --did *deviceID*
Specify USB device ID (hexadecimal)

-S, --spec *version*
Specify DFU specification version (hexadecimal)

-h, --help
Displays a help message.

-V, --version
Displays the software version.

EXAMPLES

dfu-suffix **--vid** 0123 **--add** firmware.dfu
Adds a suffix matching vendor 0x0123 and product ID 0x4567. Since product and device ID are not specified, they will contain the wildcard value 0xFFFF.

dfu-suffix **--check** firmware.dfu
Checks the file firmware.dfu for a valid DFU suffix

dfu-suffix **--delete** firmware.dfu
Removes a valid DFU suffix from the file firmware.dfu

EXIT VALUES

0 Success (also if suffix is missing)

-64 Usage error

LIMITATIONS

dfu-suffix can not tell a broken DFU suffix (e.g. checksum mismatch) from a non-existing suffix, so only a valid suffix can be removed.

BUGS

<https://sourceforge.net/p/dfu-util/tickets/>

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DFU-SUFFIX(1)

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SEE ALSO

dfu-prefix(1), dfu-util(1)

AUTHORS

See AUTHORS file in source.