

**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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**SEE ALSO**

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

**AUTHORS**

See AUTHORS file in source.