

# DMX\_SET\_BUFFER\_SIZE

**System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\userspace-api\media\dvb\[linux-master] [Documentation] [userspace-api] [media] [dvb]dmx-set-buffer-size.rst, line 2)**

Unknown directive type "c:namespace".

```
.. c:namespace:: DTV.dmx
```

## Name

DMX\_SET\_BUFFER\_SIZE

## Synopsis

**System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\userspace-api\media\dvb\[linux-master] [Documentation] [userspace-api] [media] [dvb]dmx-set-buffer-size.rst, line 18)**

Unknown directive type "c:macro".

```
.. c:macro:: DMX_SET_BUFFER_SIZE
```

```
int ioctl(int fd, DMX_SET_BUFFER_SIZE, unsigned long size)
```

## Arguments

fd

File descriptor returned by `c:func:open()`.

**System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\userspace-api\media\dvb\[linux-master] [Documentation] [userspace-api] [media] [dvb]dmx-set-buffer-size.rst, line 26); [backlink](#)**

Unknown interpreted text role "c:func".

size

Unsigned long size

## Description

This ioctl call is used to set the size of the circular buffer used for filtered data. The default size is two maximum sized sections, i.e. if this function is not called a buffer size of  $2 * 4096$  bytes will be used.

## Return Value

On success 0 is returned.

On error -1 is returned, and the `errno` variable is set appropriately.

The generic error codes are described at the [ref'Generic Error Codes <gen-errors>' chapter](#).

**System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\userspace-api\media\dvb\[linux-master] [Documentation] [userspace-api] [media] [dvb]dmx-set-buffer-size.rst, line 47); [backlink](#)**

Unknown interpreted text role "ref".