

DMX_SET_FILTER

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-filter.rst, line 2)

Unknown directive type "c:namespace".

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

Name

DMX_SET_FILTER

Synopsis

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Unknown directive type "c:macro".

```
.. c:macro:: DMX_SET_FILTER
```

```
int ioctl(int fd, DMX_SET_FILTER, struct dmx_sct_filter_params *params)
```

Arguments

fd

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

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params

Pointer to structure containing filter parameters.

Description

This ioctl call sets up a filter according to the filter and mask parameters provided. A timeout may be defined stating number of seconds to wait for a section to be loaded. A value of 0 means that no timeout should be applied. Finally there is a flag field where it is possible to state whether a section should be CRC-checked, whether the filter should be a "one-shot" filter, i.e. if the filtering operation should be stopped after the first section is received, and whether the filtering operation should be started immediately (without waiting for a `ref:DMX_START` ioctl call). If a filter was previously set-up, this filter will be canceled, and the receive buffer will be flushed.

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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.

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