DMX_SET_FILTER

Name

DMX_SET_FILTER

Synopsis

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

Arguments

```
fd
```

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

```
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.

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-filter.rst`, **line 54);** *backlink*

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