

# DMX\_SET\_PES\_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) dm-x-set-pes-filter.rst, line 2)**

Unknown directive type "c:namespace".

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

## Name

DMX\_SET\_PES\_FILTER

## 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) dm-x-set-pes-filter.rst, line 18)**

Unknown directive type "c:macro".

```
.. c:macro:: DMX_SET_PES_FILTER
```

```
int ioctl(int fd, DMX_SET_PES_FILTER, struct dm-x_pes_filter_params *params)
```

## Arguments

fd

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

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Unknown interpreted text role "c:func".

params

Pointer to structure containing filter parameters.

## Description

This ioctl call sets up a PES filter according to the parameters provided. By a PES filter is meant a filter that is based just on the packet identifier (PID), i.e. no PES header or payload filtering capability is supported.

## Return Value

On success 0 is returned.

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

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Unknown directive type "tabularcolumns".

```
.. tabularcolumns:: |p{2.5cm}|p{15.0cm}|
```

**System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\userspace-api\media\dvb\linux-master) (Documentation) (userspace-**

**api) (media) (dvb) dm-x-set-pes-filter.rst, line 49)**

Unknown directive type "flat-table".

```
.. flat-table::
  :header-rows: 0
  :stub-columns: 0
  :widths: 1 16

- .. row 1

- ``EBUSY``

- This error code indicates that there are conflicting requests.
  There are active filters filtering data from another input source.
  Make sure that these filters are stopped before starting this
  filter.
```

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

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