

# DMX\_GET\_PES\_PIDS

**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-get-pes-pids.rst, line 2)**

Unknown directive type "c.namespace".

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

## Name

DMX\_GET\_PES\_PIDS

## 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-get-pes-pids.rst, line 18)**

Unknown directive type "c.macro".

```
.. c:macro:: DMX_GET_PES_PIDS
```

```
int ioctl(fd, DMX_GET_PES_PIDS, __u16 pids[5])
```

## Arguments

fd

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

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pids

Array used to store 5 Program IDs.

## Description

This ioctl allows to query a DVB device to return the first PID used by audio, video, teletext, subtitle and PCR programs on a given service. They're stored as:

PID element	position	content
pids[DMX_PES_AUDIO]	0	first audio PID
pids[DMX_PES_VIDEO]	1	first video PID
pids[DMX_PES_TELETEXT]	2	first teletext PID
pids[DMX_PES_SUBTITLE]	3	first subtitle PID
pids[DMX_PES_PCR]	4	first Program Clock Reference PID

### Note

A value equal to 0xffff means that the PID was not filled by the Kernel.

## 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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