Digital TV demux open()

Name

Digital TV demux open()

Synopsis

Arguments

name
> Name of specific Digital TV demux device.

flags
> A bit-wise OR of the following flags:

Description

This system call, used with a device name of `/dev/dvb/adapter?/demux?`, allocates a new filter and returns a handle which can be used for subsequent control of that filter. This call has to be made for each filter to be used, i.e. every returned file descriptor is a reference to a single filter. `/dev/dvb/adapter?/dvr?` is a logical device to be used for retrieving Transport Streams for digital video recording. When reading from this device a transport stream containing the packets from all PES filters set in the corresponding demux device (`/dev/dvb/adapter?/demux?`) having the output set to `DMX_OUT_TS_TAP`. A recorded Transport Stream is replayed by writing to this device.

The significance of blocking or non-blocking mode is described in the documentation for functions where there is a difference. It does not affect the semantics of the `open()` call itself. A device opened in blocking mode can later be put into non-blocking mode (and vice versa) using the `F_SETFL` command of the fcntl system call.

Return Value

On success 0 is returned.

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

> **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-fopen.rst, line 77`)
>
> 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]dmx-fopen.rst, line 79`)
>
> Unknown directive type "flat-table".
>
> ```
> .. flat-table::
>     :header-rows:  0
>     :stub-columns: 0
>     :widths: 1 16
>
>     -  -  ``EMFILE``
>        -  "Too many open files", i.e. no more filters available.
> ```

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-fopen.rst, line 87`); *backlink*
>
> Unknown interpreted text role "ref".