Digital TV demux read()

Name

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Synopsis

Arguments

fd

> File descriptor returned by a previous call to :c:func:`open()`.

buf
> Buffer to be filled

count

> Max number of bytes to read

Description

This system call returns filtered data, which might be section or Packetized Elementary Stream (PES) data. The filtered data is transferred from the driver's internal circular buffer to `buf`. The maximum amount of data to be transferred is implied by count.

> **Note**
>
> if a section filter created with :c:type:`DMX_CHECK_CRC <dmx_sct_filter_params>` flag set, data that fails on CRC check will be silently ignored.
>

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.