

# FE\_GET\_EVENT

**System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\userspace-api\media\dvb\[linux-master] [Documentation] [userspace-api] [media] [dvb] fe-get-event.rst, line 2)**

Unknown directive type "c:namespace".

```
.. c:namespace:: DTV.fe
```

## Name

FE\_GET\_EVENT

**Attention!**

This ioctl is deprecated.

## 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] fe-get-event.rst, line 20)**

Unknown directive type "c:macro".

```
.. c:macro:: FE_GET_EVENT
```

```
int ioctl(int fd, FE_GET_EVENT, struct dvb_frontend_event *ev)
```

## Arguments

fd

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

**System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\userspace-api\media\dvb\[linux-master] [Documentation] [userspace-api] [media] [dvb] fe-get-event.rst, line 28); [backlink](#)**

Unknown interpreted text role "c:func".

ev

Points to the location where the event, if any, is to be stored.

## Description

This ioctl call returns a frontend event if available. If an event is not available, the behavior depends on whether the device is in blocking or non-blocking mode. In the latter case, the call fails immediately with `errno` set to `EWOULDBLOCK`. In the former case, the call blocks until an event becomes available.

## 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] fe-get-event.rst, line 50)**

Unknown directive type "flat-table".

```
.. flat-table::
  :header-rows: 0
  :stub-columns: 0

  - .. row 1
    - ``EWOULDBLOCK``
    - There is no event pending, and the device is in non-blocking mode.

  - .. row 2
    - ``EOVERFLOW``
    - Overflow in event queue - one or more events were lost.
```

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] fe-get-event.rst, line 66); *backlink*

Unknown interpreted text role "ref".