

# FE\_SET\_FRONTEND

**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-set-frontend.rst, line 2)**

Unknown directive type "c:namespace".

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

## Attention!

This ioctl is deprecated.

## Name

FE\_SET\_FRONTEND

## 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-set-frontend.rst, line 20)**

Unknown directive type "c:macro".

```
.. c:macro:: FE_SET_FRONTEND
```

```
int ioctl(int fd, FE_SET_FRONTEND, struct dvb_frontend_parameters *p)
```

## Arguments

fd

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

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Unknown interpreted text role "c:func".

p

Points to parameters for tuning operation.

## Description

This ioctl call starts a tuning operation using specified parameters. The result of this call will be successful if the parameters were valid and the tuning could be initiated. The result of the tuning operation in itself, however, will arrive asynchronously as an event (see documentation for `:ref:`FE_GET_EVENT`` and FrontendEvent.) If a new `:ref:`FE_SET_FRONTEND`` operation is initiated before the previous one was completed, the previous operation will be aborted in favor of the new one. This command requires read/write access to the device.

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Unknown interpreted text role "ref".

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## 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}|
```

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Unknown directive type "flat-table".

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

   - .. row 1

     - ``EINVAL``

     - Maximum supported symbol rate reached.
```

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

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Unknown interpreted text role "ref".