

ioctl FE_GET_INFO

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-info.rst, line 2)

Unknown directive type "c:namespace".

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

Name

FE_GET_INFO - Query Digital TV frontend capabilities and returns information about the - front-end. This call only requires read-only access to the device.

Synopsis

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Unknown directive type "c:macro".

```
.. c:macro:: FE_GET_INFO
```

```
int ioctl(int fd, FE_GET_INFO, struct dvb_frontend_info *argp)
```

Arguments

fd

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

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argp

pointer to struct `c:type:dvb_frontend_info`

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Description

All Digital TV frontend devices support the `ref:FE_GET_INFO` ioctl. It is used to identify kernel devices compatible with this specification and to obtain information about driver and hardware capabilities. The ioctl takes a pointer to `dvb_frontend_info` which is filled by the driver. When the driver is not compatible with this specification the ioctl returns an error.

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frontend capabilities

Capabilities describe what a frontend can do. Some capabilities are supported only on some specific frontend types.

The frontend capabilities are described at `:c:type:'fe_caps'`.

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Return Value

On success 0 is returned.

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

Generic error codes are described at the `ref:Generic Error Codes <gen-errors>` chapter.

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