

ioctl NET_GET_IF

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\userspace-api\media\dvb\linux-master) (Documentation) (userspace-api) (media) (dvb) net-get-if.rst, line 2)

Unknown directive type "c:namespace".

```
.. c:namespace:: DTV.net
```

Name

NET_GET_IF - Read the configuration data of an interface created via - [ref`NET_ADD_IF <net>`](#).

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\userspace-api\media\dvb\linux-master) (Documentation) (userspace-api) (media) (dvb) net-get-if.rst, line 13); [backlink](#)

Unknown interpreted text role "ref".

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) net-get-if.rst, line 18)

Unknown directive type "c:macro".

```
.. c:macro:: NET_GET_IF
```

```
int ioctl(int fd, NET_GET_IF, struct dvb_net_if *net_if)
```

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) net-get-if.rst, line 26); [backlink](#)

Unknown interpreted text role "c:func".

net_if

pointer to struct [c:type:`dvb_net_if`](#)

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\userspace-api\media\dvb\linux-master) (Documentation) (userspace-api) (media) (dvb) net-get-if.rst, line 29); [backlink](#)

Unknown interpreted text role "c:type".

Description

The NET_GET_IF ioctl uses the interface number given by the struct [c:type:`dvb_net_if`](#) :ifnum field and fills the content of struct [c:type:`dvb_net_if`](#) with the packet ID and encapsulation type used on such interface. If the interface was not created yet with [ref`NET_ADD_IF <net>`](#), it will return -1 and fill the `errno` with `EINVAL` error code.

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\userspace-api\media\dvb\linux-master) (Documentation) (userspace-api) (media) (dvb) net-get-if.rst, line 34); [backlink](#)

Unknown interpreted text role "c:type".

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\userspace-api\media\dvb\ (linux-master) (Documentation) (userspace-api) (media) (dvb) net-get-if.rst, line 34); [backlink](#)

Unknown interpreted text role "c:type".

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\userspace-api\media\dvb\ (linux-master) (Documentation) (userspace-api) (media) (dvb) net-get-if.rst, line 34); [backlink](#)

Unknown interpreted text role "ref".

Return Value

On success 0 is returned, and `ca_slot_info` is filled.

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\userspace-api\media\dvb\ (linux-master) (Documentation) (userspace-api) (media) (dvb) net-get-if.rst, line 44); [backlink](#)

Unknown interpreted text role "c:type".

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

The generic error codes are described at the [Generic Error Codes](#) 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) net-get-if.rst, line 49); [backlink](#)

Unknown interpreted text role "ref".