

# 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>`](#).

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## Synopsis

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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\(\)`](#).

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net\_if

pointer to struct [c:type:`dvb\\_net\\_if`](#)

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## 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.

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## Return Value

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

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

The generic error codes are described at the [Generic Error Codes](#) chapter.

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