ioctl NET_ADD_IF

Name

NET_ADD_IF - Creates a new network interface for a given Packet ID.

Synopsis

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

Arguments

`fd`

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

`net_if`

> pointer to struct :c:type:`dvb_net_if`

Description

The NET_ADD_IF ioctl system call selects the Packet ID (PID) that contains a TCP/IP traffic, the type of encapsulation to be used (MPE or ULE) and the interface number for the new interface to be created. When the system call successfully returns, a new virtual network interface is created.

The struct :c:type:`dvb_net_if` ::ifnum field will be filled with the number of the created interface.

Return Value

On success 0 is returned, and :c:type:`ca_slot_info` is filled.

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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-add-if.rst`, **line 46);** *backlink*

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

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

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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-add-if.rst`, **line 51);** *backlink*

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