



## ***Red Hat Enterprise Linux Release 9.2 Manual Pages on 'if\_nametoindex.3' command***

### ***\$ man if\_nametoindex.3***

IF\_NAMETOINDEX(3)      Linux Programmer's Manual      IF\_NAMETOINDEX(3)

#### NAME

if\_nametoindex, if\_indextoname - mappings between network interface names and indexes

#### SYNOPSIS

```
#include <net/if.h>

unsigned int if_nametoindex(const char *ifname);

char *if_indextoname(unsigned int ifindex, char *ifname);
```

#### DESCRIPTION

The if\_nametoindex() function returns the index of the network interface corresponding to the name ifname.

The if\_indextoname() function returns the name of the network interface corresponding to the interface index ifindex. The name is placed in the buffer pointed to by ifname. The buffer must allow for the storage of at least IF\_NAMESIZE bytes.

#### RETURN VALUE

On success, if\_nametoindex() returns the index number of the network interface; on error, 0 is returned and errno is set appropriately.

On success, if\_indextoname() returns ifname; on error, NULL is returned and errno is set appropriately.

#### ERRORS

if\_nametoindex() may fail and set errno if:

ENODEV No interface found with given name.

