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Red Hat Enterprise Linux Release 9.2 Manual Pages on 'net_if.h.0p' command

\$ man net_if.h.0p

net_if.h(0P) POSIX Programmer's Manual net_if.h(0P)

PROLOG

This manual page is part of the POSIX Programmer's Manual. The Linux implementation of this interface may differ (consult the corresponding Linux manual page for details of Linux behavior), or the interface may not be implemented on Linux.

NAME

net/if.h ? sockets local interfaces

SYNOPSIS

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

DESCRIPTION

The <net/if.h> header shall define the `if_nameindex` structure, which shall include at least the following members:

- `unsigned if_index` Numeric index of the interface.
- `char *if_name` Null-terminated name of the interface.

The <net/if.h> header shall define the following symbolic constant for the length of a buffer containing an interface name (including the terminating NULL character):

`IF_NAMESIZE` Interface name length.

The following shall be declared as functions and may also be defined as macros. Function prototypes shall be provided.

- `void if_freenameindex(struct if_nameindex *);`
- `char *if_indextoname(unsigned, char *);`

```
struct if_nameindex *if_nameindex(void);  
unsigned if_nametoindex(const char *);
```

The following sections are informative.

APPLICATION USAGE

None.

RATIONALE

None.

FUTURE DIRECTIONS

None.

SEE ALSO

The System Interfaces volume of POSIX.1-2017, `if_freenameindex()`,
`if_indextoname()`, `if_nameindex()`, `if_nametoindex()`

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