



Linux Ubuntu 26.04 Manual Pages on command 'getservbyname.3'

\$ man getservbyname.3

getservent(3) Library Functions Manual getservent(3)

NAME

getservent, getservbyname, getservbyport, setservent, endservent - get service entry

LIBRARY

Standard C library (libc, -lc)

SYNOPSIS

```
#include <netdb.h>

struct servent *getservent(void);

struct servent *getservbyname(const char *name, const char *proto);

struct servent *getservbyport(int port, const char *proto);

void setservent(int stayopen);

void endservent(void);
```

DESCRIPTION

The `getservent()` function reads the next entry from the services database (see `services(5)`) and returns a servent structure containing the broken-out fields from the entry. A connection is opened to the database if necessary.

The `getservbyname()` function returns a servent structure for the entry from the database that matches the service name using protocol `proto`. If `proto` is `NULL`, any protocol will be matched. A connection is opened to the database if necessary.

The `getservbyport()` function returns a servent structure for the entry from the database that matches the port `port` (given in network byte order) using protocol `proto`. If `proto` is `NULL`, any protocol will be matched. A connection is opened to the database if necessary.

The `setservent()` function opens a connection to the database, and sets the next entry to the

