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Red Hat Enterprise Linux Release 9.2 Manual Pages on 'setserver.3' command

\$ man setserver.3

GETSERVENT(3) Linux Programmer's Manual GETSERVENT(3)

NAME

getserver, getservbyname, getservbyport, setserver, endserver - get service entry

SYNOPSIS

```
#include <netdb.h>

struct servent *getserver(void);

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

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

void setserver(int stayopen);

void endserver(void);
```

DESCRIPTION

The `getserver()` function reads the next entry from the `services` data? base (see `services(5)`) and returns a `servent` structure containing the broken-out fields from the entry. A connection is opened to the `data?` base 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 or? der) using `protocol` `proto`. If `proto` is `NULL`, any `protocol` will be

?getservent()	? Thread safety	? MT-Unsafe	race:servent	?
?	?		? race:serventbuf locale	?
??				
?getservbyname()	? Thread safety	? MT-Unsafe	race:servbyname	?
?	?		? locale	?
??				
?getservbyport()	? Thread safety	? MT-Unsafe	race:servbyport	?
?	?		? locale	?
??				
?setservent(),	? Thread safety	? MT-Unsafe	race:servent	?
?endservent()	?		? locale	?
??				

In the above table, servent in race:servent signifies that if any of the functions setservent(), getservent(), or endservent() are used in parallel in different threads of a program, then data races could occur.

CONFORMING TO

POSIX.1-2001, POSIX.1-2008, 4.3BSD.

SEE ALSO

getnetent(3), getprotoent(3), getservent_r(3), services(5)

COLOPHON

This page is part of release 5.10 of the Linux man-pages project. A description of the project, information about reporting bugs, and the latest version of this page, can be found at <https://www.kernel.org/doc/man-pages/>.