Rocky Enterprise Linux 9.2 Manual Pages on command 'getrpcent.3'

$ man getrpcent.3

NAME

    getrpcent, getrpcbyname, getrpcbynumber, setrpcent, endrpcent - get RPC entry

SYNOPSIS

    #include <netdb.h>

    struct rpcent *getrpcent(void);

    struct rpcent *getrpcbyname(const char *name);

    struct rpcent *getrpcbynumber(int number);

    void setrpcent(int stayopen);

    void endrpcent(void);

DESCRIPTION

    The getrpcent(), getrpcbyname(), and getrpcbynumber() functions each return a pointer to

    an object with the following structure containing the broken-out fields of an entry in the

    RPC program number data base.

      struct rpcent {

        char *r_name;   /* name of server for this RPC program */

        char **r_aliases; /* alias list */

        long   r_number;   /* RPC program number */

      };

    The members of this structure are:

    r_name The name of the server for this RPC program.

    r_aliases

      A NULL-terminated list of alternate names for the RPC program.

r_number

    The RPC program number for this service.

The getrpcent() function reads the next entry from the database. A connection is opened to the database if necessary.

The setrpcent() function opens a connection to the database, and sets the next entry to the first entry. If stayopen is nonzero, then the connection to the database will not be closed between calls to one of the getrpc*() functions.

The endrpcent() function closes the connection to the database.

The getrpcbyname() and getrpcbynumber() functions sequentially search from the beginning of the file until a matching RPC program name or program number is found, or until end-of-file is encountered.

RETURN VALUE

On success, getrpcent(), getrpcbyname(), and getrpcbynumber() return a pointer to a stati‐ cally allocated rpcent structure. NULL is returned on EOF or error.

FILES

/etc/rpc

    RPC program number database.

ATTRIBUTES

For an explanation of the terms used in this section, see attributes(7).

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?Interface              ? Attribute    ? Value        ?
?????????????????????????????????????????????????????????????????
?getrpcent(), getrpcbyname(), ? Thread safety ? MT-Unsafe     ?
?getrpcbynumber()         ?          ?          ?
?????????????????????????????????????????????????????????????????
?setrpcent(), endrpcent()    ? Thread safety ? MT-Safe locale ?
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CONFORMING TO

Not in POSIX.1. Present on the BSDs, Solaris, and many other systems.

BUGS

All information is contained in a static area so it must be copied if it is to be saved.

SEE ALSO

getrpcent_r(3), rpc(5), rpcinfo(8), ypserv(8)

COLOPHON

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