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

$ man getrpcbyname.3

GETRPCENT(3) Linux Programmer's Manual 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 statically 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 at? tributes(7).

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

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

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/.

<div align="center">2020-04-11   GETRPCENT(3)</div>