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Rocky Enterprise Linux 9.2 Manual Pages on command 'getrpcnt.3t'

\$ man getrpcnt.3t

GETRPCENT(3) BSD Library Functions Manual GETRPCENT(3)

NAME

getrpcnt, getrpcbyname, getrpcbynumber, endrpcnt, setrpcnt ? get RPC entry

SYNOPSIS

```
#include <rpc/rpc.h>
```

```
struct rpcent *
```

```
getrpcnt(void);
```

```
struct rpcent *
```

```
getrpcbyname(char *name);
```

```
struct rpcent *
```

```
getrpcbynumber(int number);
```

```
void
```

```
setrpcnt(int stayopen);
```

```
void
```

```
endrpcnt(void);
```

DESCRIPTION

The `getrpcnt()`, `getrpcbyname()`, and `getrpcbynumber()` functions each return a pointer to an object with the following structure containing the broken-out fields of a line in the rpc program number data base, `/etc/rpc`:

```
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 zero terminated list of alternate names for the rpc program.

`r_number` The rpc program number for this service.

The `getrpcnt()` function reads the next line of the file, opening the file if necessary.

The `setrpcnt()` function opens and rewinds the file. If the `stayopen` flag is non-zero, the net data base will not be closed after each call to `getrpcnt()` (either directly, or indirectly through one of the other `?getrpc?` calls).

The `endrpcnt()` function closes the file.

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.

FILES

`/etc/rpc`

AVAILABILITY

These functions are part of libtirpc.

SEE ALSO

rpc(5), rpcinfo(8)

DIAGNOSTICS

A NULL pointer is returned on EOF or error.

BUGS

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

BSD

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BSD