

**NAME**

getrpcport – get RPC port number

**LIBRARY**

Standard C library (*libc*, *-lc*)

**SYNOPSIS**

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

```
int getrpcport(const char *host, unsigned long prognum,  
               unsigned long versnum, unsigned int proto);
```

**DESCRIPTION**

**getrpcport()** returns the port number for version *versnum* of the RPC program *prognum* running on *host* and using protocol *proto*. It returns 0 if it cannot contact the portmapper, or if *prognum* is not registered. If *prognum* is registered but not with version *versnum*, it will still return a port number (for some version of the program) indicating that the program is indeed registered. The version mismatch will be detected upon the first call to the service.

**ATTRIBUTES**

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

Interface	Attribute	Value
getrpcport()	Thread safety	MT-Safe env locale

**STANDARDS**

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