pmap_set Subroutine

Purpose

Maps a remote procedure call to a port.

Library

C Library (**libc.a**)

Syntax

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

pmap_set (prognum, versnum, protocol, port)
u_long prognum, versnum, protocol;
u_short port;
```

Description

The **pmap_set** subroutine acts as a user interface to the **portmap** daemon to map the program number, version number, and protocol of a remote procedure call to a port on the machine **portmap** daemon.

Note: The **pmap_set** subroutine is called by the **svc_register** subroutine.

Parameters

prognum	Specifies the program number of the remote program.
versnum	Specifies the version number of the remote program.
protocol	Specifies the transport protocol that the service recognizes. The values for this parameter can be **IPPROTO_UDP** or **IPPROTO_TCP**.
port	Specifies the port on the machine's **portmap** daemon.

Return Values

Upon successful completion, this routine returns a value of 1. If unsuccessful, it returns a value of 0.

Implementation Specifics

This subroutine is part of Base Operating System (BOS) Runtime.

Related Information

The **portmap** daemon.

The **pmap_getmaps** subroutine, **pmap_unset** subroutine, **svc_register** subroutine.

TCP/IP Protocols in *AIX Version 4.3 System Management Guide: Communications and Networks*.

List of RPC Programming References.

Remote Procedure Call (RPC) Overview for Programming in *AIX Version 4.3 Communications Programming Concepts*.