clnt_call Macro

Purpose

Calls the remote procedure associated with the *clnt* parameter.

Library

C Library (**libc.a**)

Syntax

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

enum clnt_stat clnt_call (clnt, procnum, inproc, in, outproc, out, tout)
CLIENT *clnt;
u_long procnum;
xdrproc_t inproc;
char *in;
xdrproc_t outproc;
char *out;
struct timeval tout;
```

Description

The **clnt_call** macro calls the remote procedure associated with the client handle pointed to by the *clnt* parameter.

Parameters

clnt	Points to the structure of the client handle that results from a Remote Procedure Call (RPC) client creation subroutine, such as the **clntudp_create** subroutine that opens a User Datagram Protocol/Internet Protocol (UDP/IP) socket.
procnum	Identifies the remote procedure on the host machine.
inproc	Specifies the procedure that encodes the procedure's parameters.
in	Specifies the address of the procedure's arguments.
outproc	Specifies the procedure that decodes the procedure's results.
out	Specifies the address where results are placed.
tout	Sets the time allowed for results to return.

Implementation Specifics

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

Related Information

The **callrpc** subroutine, **clnt_perror** subroutine, **clnttcp_create** subroutine, **clntudp_create** subroutine.

List of RPC Programming References.

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