SYSPROC(a)   **SYSPROC(a)**

NAME

sysproc — system process

SYNOPSIS

(sysproc = 48.)
sysproc(portnum, flag)
int portnum;   /* system port number */
int flag;   /* function flag */

DESCRIPTION

Sysproc performs some operation on one of the system process ports specified by *portnum* according to the value of the function *flag*. *Portnum* is a value from 0 to one less than the maximum process port numbers (currently 4). For *flag* equal to 0, the current process is connected to the process port *portnum*. For *flag* equal to 1, the current process is disconnected from the process port. For *flag* equal to 2, the value of the process connected to the process port *portnum* is returned.

The number of system ports is a 'sysgenable' parameter. It is set to 4 by default. Upon termination of a process, all of the ports to which it is attached are automatically disconnected.

SEE ALSO

sendport (a).

DIAGNOSTICS

C returns −1 if the *portnum* is invalid or the function *flag* is invalid, or an illegal use is made of a port, i.e. an attempt to connect to a used port.