Bell Telephone Laboratories, Incorporated   - 1 -   PA-1C600-01
PROGRAM APPLICATION INSTRUCTION   Section 12 (a)
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                                                        AT&TCo SPCS

RECEIVE(a)   **RECEIVE(a)**

NAME

receive − get a message

SYNOPSIS

(receive = 30.)
receive(&msgbuf)
int *msgbuf; /* pointer to message buffer */

DESCRIPTION

Receive gets a message in the buffer *msgbuf* from the process message input queue. (See sendmsg(a) for message header description). If no message is on this process's input queue, the process returns immediately with a value of 0 from C. If the value of the *mslink* word is zero, there are no more messages waiting on the process' input queue. The receiver of the message must fill in the *mssize* word to indicate the largest message he is willing to receive. The size of the message is exclusive of the size of the message header. Messages are dequeued according to FIFO. A value of 1 is returned from C.

SEE ALSO

sendmsg(a), sndmsgfrom(a), gettype(a), getmsg(a).

DIAGNOSTICS