DEQUEUEM(b) DEQUEUEM(b)

NAME

dequeuem — dequeue a message

SYNOPSIS

(dequeuem = 9.)
dequeuem(process)
int process;   /* process number */

DESCRIPTION

Dequeuem dequeues a message from the input message queue for the process specified by *process*. The first message on the queue is removed first. A pointer to the message buffer is returned from C.

In assembly language, r1 must contain *process*. A pointer to the beginning of the message is returned in r0.

SEE ALSO

alocmsg(b), messink(b), queuem(b), freemsg(b), dqtype(b), queuemn(b)

DIAGNOSTICS

A NULL pointer is returned from C if there is no message on the input queue.

In assembly language, a null pointer is returned in r0.