

DQTYPE(b)

(b) DQTYPE(b)

NAME

dqtype — dequeue a particular message type

SYNOPSIS

(dqtype = 10.)

dqtype(process, type)

int process; /* process number */

int type; /* message type */

DESCRIPTION

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

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

SEE ALSO

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

DIAGNOSTICS

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

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