MESSINK(b) **MESSINK(b)**

NAME

messink – return a message

SYNOPSIS

(messink = 8.)
messink(&msgbuf)
int *msgbuf; /* pointer to message buffer */

DESCRIPTION

Messink returns a message buffer to the kernel. If the *noack* bit is on in the *mssize* byte of the message header, the message buffer is freed up for future allocation. Otherwise the message is returned to the original sender as an acknowledgement message (*mstype* = −1). The *iolock* bit in the *mssize* byte of the message header is also checked to see if the segment into which I/O was done is to be unlocked. The message is queued on the original sender's message input queue and a message event is sent to this process. A value of 1 is returned from C.

In assembly language, r0 must contain the message buffer address.

SEE ALSO

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

DIAGNOSTICS

A value of 0 is returned from C if the original sender process no longer exists.

FUTURE AND DMERT DIAGNOSTICS

Control is passed to the process' fault entry with a *BADOST* fault code if the input *msgbuf* does not point to a valid allocated kernel message buffer.