

FREEMSG(b)

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NAME

freemsg – free up message buffer

SYNOPSIS

(freemsg = 11.)

freemsg(&msgbuf)

int *msgbuf; /* pointer to message buffer */

DESCRIPTION

Freemsg frees up a message in the kernel message buffer pool pointed to by *msgbuf*. This is done by simply clearing the allocate bit in the status byte of the message header.

In assembly language, r0 must contain a pointer to the message. A value of 1 is returned from C.

SEE ALSO

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

DIAGNOSTICS

A null value is returned from C if the free message primitive fails.

In assembly language, the c-bit is set to indicate an error.

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.