Bell Telephone Laboratories, Incorporated PROGRAM APPLICATION INSTRUCTION

QUEUEMN(b)

NAME

queuemn – queue message with no acknowledgement expected

SYNOPSIS

(queuemn = 6.) queuemn(msgbuf) int *msgbuf; /* pointer to message buffer */

DESCRIPTION

Queuemn queues the message pointed to by msgbuf on the input message queue of the process specified by msto in the message header with no acknowledgement to this message expected. The current value of the message sequence number is placed in msseqnum of the message header and then incremented. A message event is sent to the msto process. A value of 1 is returned from C.

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

SEE ALSO

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

DIAGNOSTICS

A value of 0 is returned from C if the *msto* process is not a valid process number. If no more messages can be put on the receiver's input message queue, the message buffer is freed up.

In assembly language, the c-bit is set. A value of -1 is returned from C if the *msto* process is not a valid process number. If no more messages can be put on the receiver's input message queue, the message buffer is freed up.

FUTURE AND DMERT DIAGNOSTICS

If no more messages can be put on the receiver's input message queue, the message buffer is freed and a -1 returned. 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.

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