

MSGPORT(f)

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NAME

`msgport` — send message to a process connected to a port

SYNOPSIS

(`msgport = 69.`)

(message size in `r0`)

sys `msgport`; `msgbuf`

`msgport(msgbuf, msgsize)`

DESCRIPTION

Msgport sends the message in the message buffer *msgbuf* to the process connected to the port specified in the *msto* word of the message header (see `sendmsg(c)` for message header format). The size of the message to be sent (in words) *msgsize* includes the six word message header. The sender must fill in the *msto* word of the message header. The system fills in the *mssize* byte and the *mstype* byte. The user is only allowed to send type `-3` messages. The acknowledgements to the sender's messages may be identified by filling in the *msident* word in the message header.

SEE ALSO

`msgsend(f)`, `sendmsg(c)`, `getmsg(c)`, `msgrecv(f)`.

DIAGNOSTICS

The error bit (c-bit) is set if the intended receiver process is non-existent, the port number is invalid, no process is connected to the port, or if the message buffer is not in the user's address space. From C, a `-1` value is returned on an error.