

## MSGSEND(f)

## MSGSEND(f)

### NAME

`msgsend` – send message to a process

### SYNOPSIS

(`msgsend = 67.`)

(message size in `r0`)

**sys `msgsend`; `msgbuf`**

**`msgsend(msgbuf, msgsize)`**

### DESCRIPTION

*Msgsend* sends the message in the message buffer *msgbuf* to the process 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

*sendmsg(c)*, *getmsg(c)*, *msgrecv(f)*.

### DIAGNOSTICS

The error bit (c-bit) is set if the intended receiver process is non-existent or if the message buffer is not in the user's address space. From C, a `-1` value is returned on an error.