



This is part of **Family API** which allow to create dual-os version of program runs under OS/2 and DOS

**Note:** This is legacy API call. It is recommended to use 32-bit equivalent

2021/09/17 04:47 · prokushev · [0 Comments](#)

2021/08/20 03:18 · prokushev · [0 Comments](#)

## DosPutMessage

This call outputs the message in a buffer passed by a caller to the specified handle. The function formats the buffer to prevent words from wrapping if displayed to a screen.

### Syntax

DosPutMessage (FileHandle, MessageLength, MessageBuffer)

### Parameters

;FileHandle (USHORT) - input : Handle of the output file or device. ;MessageLength (USHORT) - input : Length of the message to be output. ;MessageBuffer (PCHAR) - input : Address of the buffer that contains the returned message.

### Return Code

rc (USHORT) - return Return code descriptions are: \* 0 NO\_ERROR \* 6 ERROR\_INVALID\_HANDLE \* 19 ERROR\_WRITE\_PROTECT \* 321 ERROR\_MR\_UN\_PERFORM

### Remarks

Screen width is assumed to be 80 characters. The DosPutMessage call counts a CR/LF in the 80 characters that it tries to write to the screen. If a word extends past column 78, it is put on the next line. DosPutMessage assumes the starting cursor position is column one when handling a word wrap.

If the last character to be positioned on a line is a double-byte character that would be bisected, the rule above ensures that the character is not bisected.

### Example Code

## C Binding

```
<PRE> #define INCL_DOSMISC
```

```
USHORT rc = DosPutMessage(FileHandle, MessageLength, MessageBuffer);
```

```
USHORT FileHandle; /* Handle of output file/device */ USHORT MessageLength; /* Length of message  
buffer */ PCHAR MessageBuffer; /* Message buffer */
```

```
USHORT rc; /* return code */ </PRE>
```

## MASM Binding

```
<PRE> EXTRN DosPutMessage:FAR INCL_DOSMISC EQU 1
```

```
PUSH WORD FileHandle ;Handle of output file/device PUSH WORD MessageLength ;Length of message  
buffer PUSH@ OTHER MessageBuffer ;Message buffer CALL DosPutMessage
```

```
Returns WORD </PRE>
```

# Note

Text based on [http://www.edm2.com/index.php/DosPutMessage\\_\(FAPI\)](http://www.edm2.com/index.php/DosPutMessage_(FAPI))

| Family API |                 |  |
|------------|-----------------|--|
| DOS        | Process Manager | <a href="#">DosBeep</a> <a href="#">DosExit</a> <a href="#">DosSleep</a> <a href="#">DosExecPgm</a>  |
|            | File Manager    | <a href="#">DosChDir</a> <a href="#">DosChgFilePtr</a> <a href="#">DosClose</a> <a href="#">DosDelete</a> <a href="#">DosDupHandle</a> <a href="#">DosMkDir</a> <a href="#">DosMove</a> <a href="#">DosQCurDir</a> <a href="#">DosQCurDisk</a> <a href="#">DosSetFileMode</a> <a href="#">DosOpen</a> <a href="#">DosQFileInfo</a> <a href="#">DosRead</a> <a href="#">DosQFileMode</a> <a href="#">DosQFSInfo</a> <a href="#">DosQVerify</a> <a href="#">DosRmDir</a> <a href="#">DosSelectDisk</a> <a href="#">DosFindClose</a> <a href="#">DosFindFirst</a> <a href="#">DosFindNext</a> <a href="#">DosSetFileInfo</a> <a href="#">DosSetVerify</a> <a href="#">DosWrite</a> <a href="#">DosFileLocks</a> <a href="#">DosSetFHandState</a> <a href="#">DosNewSize</a> <a href="#">DosBufReset</a> <a href="#">DosQFHandState</a> <a href="#">DosSetFSInfo</a> <a href="#">DosShutdown</a> |
|            | Memory Manager  | <a href="#">DosFreeSeg</a> <a href="#">DosSubAlloc</a> <a href="#">DosSubFree</a> <a href="#">DosSubSet</a> <a href="#">DosAllocHuge</a> <a href="#">DosAllocSeg</a> <a href="#">DosReallocHuge</a> <a href="#">DosReallocSeg</a> <a href="#">DosGetHugeShift</a> <a href="#">DosCreateCSAlias</a>   |
|            | NLS             | <a href="#">DosCaseMap</a> <a href="#">DosGetCtryInfo</a> <a href="#">DosGetDBCSEv</a> <a href="#">DosSetCtryCode</a> <a href="#">DosGetCollate</a> <a href="#">DosGetMessage</a> <a href="#">DosInsMessage</a> <a href="#">DosPutMessage</a>  |
|            | Date and Time   | <a href="#">DosSetDateTime</a> <a href="#">DosGetDateTime</a>  |
|            | Devices         | <a href="#">DosDevConfig</a> <a href="#">DosDevIOctI</a> <a href="#">DosDevIOctI2</a>  |
|            | Signals         | <a href="#">DosHoldSignal</a> <a href="#">DosSetSigHandler</a>   |
| KBD        | Misc            | <a href="#">BadDynLink</a> <a href="#">DosGetEnv</a> <a href="#">DosGetMachineMode</a> <a href="#">DosGetVersion</a> <a href="#">DosError</a> <a href="#">DosErrClass</a> <a href="#">DosSetVec</a>  |
|            |                 | <a href="#">KbdCharIn</a> <a href="#">KbdFlushBuffer</a> <a href="#">KbdGetStatus</a> <a href="#">KbdSetStatus</a> <a href="#">KbdStringIn</a> <a href="#">KbdPeek</a>   |

| Family API |   |
|------------|---|
| VIO        | VioGetBuf VioGetConfig VioGetCurPos VioGetCurType VioGetPhysBuf<br>VioReadCellStr VioReadCharStr VioScrollUp VioScrollDn VioScrollLf VioScrollRt<br>VioScrUnLock VioSetCurPos VioSetCurType VioSetMode VioGetMode VioShowBuf<br>VioWrtCellStr VioWrtCharStr VioWrtCharStrAtt VioWrtNAttr VioWrtNCell<br>VioWrtNChar VioWrtTTY VioScrLock VioPopUp |
| Tools      | BIND  |
| Modules    | DOSCALLS.DLL VIOCALLS.DLL KBDCALLS.DLL MSG.DLL  |
| Libraries  | API.LIB OS2386.LIB FAPI.LIB DOSCALLS.LIB SUBCALLS.LIB   |

2018/08/25 15:05 · prokushev · 0 Comments

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Last update: **2021/08/20 04:17**

