 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

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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

```
#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 */
```

MASM Binding

```
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

Note

Text based on http://www.edm2.com/index.php/DosPutMessage_(FAPI)

Family API		
DOS	Process Manager	DosBeep DosExit DosSleep DosExecPgm
	File Manager	DosChDir DosChgFilePtr DosClose DosDelete DosDupHandle DosMkDir DosMove DosQCurDir DosQCurDisk DosSetFileMode DosOpen DosQFileInfo DosRead DosQFileMode DosQFSInfo DosQVerify DosRmDir DosSelectDisk DosFindClose DosFindFirst DosFindNext DosSetFileInfo DosSetVerify DosWrite DosFileLocks DosSetFHandState DosNewSize DosBufReset DosQFHandState DosSetFSinfo DosShutdown
	Memory Manager	DosFreeSeg DosSubAlloc DosSubFree DosSubSet DosAllocHuge DosAllocSeg DosReallocHuge DosReallocSeg DosGetHugeShift DosCreateCSAlias
	NLS	DosCaseMap DosGetCtryInfo DosGetDBCSEv DosSetCtryCode DosGetCollate DosGetMessage DosInsMessage DosPutMessage
	Date and Time	DosSetDateTime DosGetDateTime
	Devices	DosDevConfig DosDevIOCtl DosDevIOCtl2
	Signals	DosHoldSignal DosSetSigHandler
	Misc	BadDynLink DosGetEnv DosGetMachineMode DosGetVersion DosError DosErrClass DosSetVec
KBD		KbdCharIn KbdFlushBuffer KbdGetStatus KbdSetStatus KbdStringIn KbdPeek
VIO		VioGetBuf VioGetConfig VioGetCurPos VioGetCurType VioGetPhysBuf VioReadCellStr VioReadCharStr VioScrollUp VioScrollDn VioScrollLf VioScrollRt VioScrUnLock VioSetCurPos VioSetCurType VioSetMode VioGetMode VioShowBuf VioWrtCellStr VioWrtCharStr VioWrtCharStrAtt VioWrtNAttr VioWrtNCell 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

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