



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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This call writes a character string to the display.

Syntax

VioWrtCharStr (CharStr, Length, Row, Column, VioHandle)

Parameters

;CharStr (PCH) - input : Address of the character string to be written. ;Length (USHORT) - input : Length, in bytes, of the character string. ;Row (USHORT) - input : Starting cursor row. ;Column (USHORT) - input : Starting cursor column. ;VioHandle (HVIO) - input : This must be zero unless the caller is a Presentation Manager application, in which case it must be the value returned by VioGetPs.

Return Code

rc (USHORT) - return Return code descriptions are:

- 0 NO_ERROR
- 355 ERROR_VIO_MODE
- 358 ERROR_VIO_ROW
- 359 ERROR_VIO_COL
- 436 ERROR_VIO_INVALID_HANDLE
- 465 ERROR_VIO_DETACHED

Remarks

If a string write gets to the end of the line and is not complete, the string write continues at the beginning of the next line. If the write gets to the end of the screen, the write terminates.

PM Considerations

Write a character string to the Advanced VIO presentation space. The caller must specify the starting location on the presentation space where the string is to be written.

Example Code

C Binding

```
#define INCL_VIO

USHORT rc = VioWrtCharStr(CharStr, Length, Row, Column, VioHandle);

PCH          CharStr;          /* String to be written */
USHORT       Length;          /* Length of character string */
USHORT       Row;             /* Starting row position for output */
USHORT       Column;         /* Starting column position for output */
HVIO         VioHandle;       /* Video handle */

USHORT       rc;              /* return code */
```

MASM Binding

```
EXTRN VioWrtCharStr:FAR
INCL_VIO EQU 1

PUSH@ OTHER CharStr ;String to be written
PUSH WORD Length ;Length of character string
PUSH WORD Row ;Starting row position for output
PUSH WORD Column ;Starting column position for output
PUSH WORD VioHandle ;Video handle
CALL VioWrtCharStr

Returns WORD
```

Note

Text based on [http://www.edm2.com/index.php/VioWrtCharStr_\(FAP\)](http://www.edm2.com/index.php/VioWrtCharStr_(FAP))

| 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 DosDevIOct1 DosDevIOct2 |
| | 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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