

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

```
<PRE> #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 */ </PRE>
```

## MASM Binding

<PRE> 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 </PRE>

## Note

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

Family API		
DOS	Process Manager	DosBeep DosExit DosSleep DosExecPgm
	File Manager	DosChDir DosChgFilePtr DosClose DosDelete DosDupHandle DosMkDir DosMove DosQCurDir DosQCurDisk DosSet FileMode DosOpen DosQFileInfo DosRead DosQ FileMode DosQFSInfo DosQVerify DosRmDir DosSelectDisk DosFindClose DosFindFirst DosFindNext DosSet FileInfo DosSet Verify DosWrite DosFileLocks DosSet FHandState DosNewSize DosBufReset DosQFHandState DosSetFSinfo
	Memory Manager	DosFreeSeg DosSubAlloc DosSubFree DosSubSet DosAlloc Huge DosAlloc Seg DosRealloc Huge DosRealloc Seg DosGet Huge Shift 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 VIOCALS.DLL KBDCALS.DLL MSG.DLL
Libraries		API.LIB OS2386.LIB FAPI.LIB DOSCALLS.LIB SUBCALLS.LIB

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