



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](#)

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## VioWrtCharStrAtt

This call writes a character string with repeated attribute to the display.

### Syntax

```
VioWrtCharStrAtt (CharStr, Length, Row, Column, Attr, 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.
- Attr ([PBYTE](#)) - input : Address of the attribute(s) (1 or 3 bytes) to be used in the display buffer for each character of the string written.
- 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 with a repeated attribute 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.

## Bindings

### C Binding

```
#define INCL_VIO

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

PCH CharStr;           /* String to be written */
USHORT Length;         /* Length of string */
USHORT Row;            /* Starting row position for output */
USHORT Column;         /* Starting column position for output */
PBYTE Attr;            /* Attribute to be replicated */
Hvio VioHandle;        /* Video handle */

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

### MASM Binding

```
EXTRN VioWrtCharStrAtt:FAR
INCL_VIO EQU 1

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

Returns WORD
```

## Note

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

<b>Family API</b>	
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 DosSet FInfo
	Memory Manager DosFreeSeg DosSubAlloc DosSubFree DosSubSet DosAlloc Huge DosAlloc Seg DosRealloc Huge DosRealloc Seg DosGet Huge Shift DosCreate CS Alias
	NLS DosCaseMap DosGet Ctry Info DosGet DBCSEv DosSet Ctry Code DosGet Collate DosGet Message DosIns Message DosPut Message
	Date and Time DosSet DateTime DosGet DateTime
	Devices DosDevConfig DosDevIOCtl DosDevIOCtl2
	Signals DosHold Signal DosSet Sig Handler
	Misc BadDynLink DosGet Env DosGet Machine Mode DosGet Version DosError DosErr Class DosSet Vec
KBD	KbdCharIn KbdFlushBuffer KbdGet Status KbdSet Status KbdStringIn KbdPeek
VIO	VioGet Buf VioGet Config VioGet Cur Pos VioGet Cur Type VioGet Phys Buf VioRead Cell Str VioRead Char Str VioScroll Up VioScroll Dn VioScroll If VioScroll Rt VioScr Un Lock VioSet Cur Pos VioSet Cur Type VioSet Mode VioGet Mode VioShow Buf VioWrt Cell Str VioWrt Char Str VioWrt Char Str Att VioWrt N Attr VioWrt N Cell VioWrt N Char VioWrt TTY VioScr Lock VioPop Up
Tools	BIND
Modules	<a href="#">DOSCALLS.DLL</a> <a href="#">VIOCALLS.DLL</a> <a href="#">KBDCALLS.DLL</a> <a href="#">MSG.DLL</a>
Libraries	<a href="#">API.LIB</a> <a href="#">OS2386.LIB</a> <a href="#">FAPI.LIB</a> <a href="#">DOSCALLS.LIB</a> <a href="#">SUBCALLS.LIB</a>

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