

This call reads a string of character-attribute pairs (cells) from the screen, starting at the specified location.

Syntax

VioReadCellStr (CellStr, Length, Row, Column, VioHandle)

Parameters

;CellStr (PCH) - output : Address of the buffer where the cell string is returned. ;Length (PUSHORT) - input/output : Address of the buffer length in bytes. Length must take into account that each character-attribute(s) entry in the buffer is 2 or 4 bytes. If the length of the buffer is not sufficient, the last entry is not complete. ;Row (USHORT) - input : Starting row of the field to read, 0 is the top row. ;Column (USHORT) - input : Starting column of the field to read, 0 is the leftmost 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

If a string read comes to the end of the line and is not complete, the string read continues at the beginning of the next line. If the read comes to the end of the screen and is not complete, the read terminates and the length is set to the length of the buffer that was filled.

PM Considerations

VioReadCellStr reads a string of character/attributes (or cells) from the Advanced VIO presentation space starting at the specified location.

Example Code

C Binding

```
<PRE> #define INCL_VIO

USHORT rc = VioReadCellStr(CellStr, Length, Row, Column, VioHandle);

PCH CellStr; /* Cell string buffer */ PUSHORT Length; /* Length of cell string buffer */ USHORT Row; /* Starting row location */ USHORT Column; /* Starting column location */ HVIO VioHandle; /* Video handle */

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

MASM Binding

<PRE> EXTRN VioReadCellStr:FAR INCL_VIO EQU 1

PUSH@ OTHER CellStr ;Cell string buffer PUSH@ WORD Length ;Length of cell string buffer PUSH WORD Row ;Starting row location PUSH WORD Column ;Starting column location PUSH WORD VioHandle ;Video handle CALL VioReadCellStr

Returns WORD </PRE>

Note

Text based on [http://www.edm2.com/index.php/VioReadCellStr_\(FAPI\)](http://www.edm2.com/index.php/VioReadCellStr_(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 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 Date Time DosGet Date Time
	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 DOSCALLS.DLL VIOCALS.DLL KBDCALLS.DLL MSG.DLL	
Libraries API.LIB OS2386.LIB FAPI.LIB DOSCALLS.LIB SUBCALLS.LIB	

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