



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 scrolls the entire display buffer (or area specified within the display buffer) up.

### Syntax

VioScrollUp (TopRow, LeftCol, BotRow, RightCol, Lines, Cell, VioHandle)

### Parameters

;TopRow (USHORT) - input: Top row to be scrolled. ;LeftCol (USHORT) - input: Left column to be scrolled. ;BotRow (USHORT) - input: Bottom row to be scrolled. ;RightCol (USHORT) - input: Right column to be scrolled. ;Lines (USHORT) - input: Number of lines to be inserted at the bottom of the screen area being scrolled. If 0 is specified, no lines are scrolled. ;Cell (PBYTE) - input: Address of the character attribute(s) pair (2 or 4 bytes) used as a fill character on inserted lines. ;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

TopRow = 0 and LeftCol = 0 identifies the top left corner of the screen.

If a value greater than the maximum value is specified for TopRow, LeftCol, BotRow, RightCol, or Lines, the maximum value for that parameter is used.

If TopRow and LeftCol = 0 and if BotRow, RightCol, and Lines = 65535 (or -1 in assembler language), the entire screen is filled with the character-attribute pair defined by Cell.

### Bindings

**C**

```
<PRE> #define INCL_VIO
```

```
USHORT rc = VioScrollUp(TopRow, LeftCol, BotRow, RightCol, Lines, Cell,
```

```
VioHandle);
```

```
USHORT TopRow; /* Top row */ USHORT LeftCol; /* Left column */ USHORT BotRow; /* Bottom row */
USHORT RightCol; /* Right column */ USHORT Lines; /* Number of lines */ PBYTE Cell; /* Fill character
*/ HVIO VioHandle; /* Video handle */
```

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

**MASM**

```
<PRE> EXTRN VioScrollUp:FAR INCL_VIO EQU 1
```

```
PUSH WORD TopRow ;Top row PUSH WORD LeftCol ;Left column PUSH WORD BotRow ;Bottom row
PUSH WORD RightCol ;Right column PUSH WORD Lines ;Number of lines PUSH@ OTHER Cell ;Fill
character PUSH WORD VioHandle ;Video handle CALL VioScrollUp
```

```
Returns WORD </PRE>
```

**Related Functions**

\*[VioScrollDn](#)

Family API		
DOS	Process Manager	<a href="#">DosBeep</a> <a href="#">DosExit</a> <a href="#">DosSleep</a> <a href="#">DosExecPgm</a>
	File Manager	<a href="#">DosChDir</a> <a href="#">DosChgFilePtr</a> <a href="#">DosClose</a> <a href="#">DosDelete</a> <a href="#">DosDupHandle</a> <a href="#">DosMkDir</a> <a href="#">DosMove</a> <a href="#">DosQCurDir</a> <a href="#">DosQCurDisk</a> <a href="#">DosSetFileMode</a> <a href="#">DosOpen</a> <a href="#">DosQFileInfo</a> <a href="#">DosRead</a> <a href="#">DosQFileMode</a> <a href="#">DosQFSInfo</a> <a href="#">DosQVerify</a> <a href="#">DosRmDir</a> <a href="#">DosSelectDisk</a> <a href="#">DosFindClose</a> <a href="#">DosFindFirst</a> <a href="#">DosFindNext</a> <a href="#">DosSetFileInfo</a> <a href="#">DosSetVerify</a> <a href="#">DosWrite</a> <a href="#">DosFileLocks</a> <a href="#">DosSetFHandState</a> <a href="#">DosNewSize</a> <a href="#">DosBufReset</a> <a href="#">DosQFHandState</a> <a href="#">DosSetFSInfo</a> <a href="#">DosShutdown</a>
	Memory Manager	<a href="#">DosFreeSeg</a> <a href="#">DosSubAlloc</a> <a href="#">DosSubFree</a> <a href="#">DosSubSet</a> <a href="#">DosAllocHuge</a> <a href="#">DosAllocSeg</a> <a href="#">DosReallocHuge</a> <a href="#">DosReallocSeg</a> <a href="#">DosGetHugeShift</a> <a href="#">DosCreateCSAlias</a>
	NLS	<a href="#">DosCaseMap</a> <a href="#">DosGetCtryInfo</a> <a href="#">DosGetDBCSEv</a> <a href="#">DosSetCtryCode</a> <a href="#">DosGetCollate</a> <a href="#">DosGetMessage</a> <a href="#">DosInsMessage</a> <a href="#">DosPutMessage</a>
	Date and Time	<a href="#">DosSetDateTime</a> <a href="#">DosGetDateTime</a>
	Devices	<a href="#">DosDevConfig</a> <a href="#">DosDevIOct1</a> <a href="#">DosDevIOct12</a>
	Signals	<a href="#">DosHoldSignal</a> <a href="#">DosSetSigHandler</a>
	Misc	<a href="#">BadDynLink</a> <a href="#">DosGetEnv</a> <a href="#">DosGetMachineMode</a> <a href="#">DosGetVersion</a> <a href="#">DosError</a> <a href="#">DosErrClass</a> <a href="#">DosSetVec</a>
KBD	<a href="#">KbdCharIn</a> <a href="#">KbdFlushBuffer</a> <a href="#">KbdGetStatus</a> <a href="#">KbdSetStatus</a> <a href="#">KbdStringIn</a> <a href="#">KbdPeek</a>	

<b>Family API</b>	
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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