



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 releases ownership of (unlocks) the physical display buffer.

### Syntax

VioScrUnLock (VioHandle)

### Parameters

;VioHandle (HVIO) - input : Reserved word of 0s.

### Return Code

rc (USHORT) - return Return code descriptions are: \* 0 NO\_ERROR \* 367 ERROR\_VIO\_UNLOCK \* 430 ERROR\_VIO\_ILLEGAL\_DURING\_POPUP \* 436 ERROR\_VIO\_INVALID\_HANDLE \* 465 ERROR\_VIO\_DETACHED \* 494 ERROR\_VIO\_EXTENDED\_SG

### Remarks

This call releases the screen lock that is set by VioScrLock. The VioScrUnLock call must be issued by a thread in the same process as the thread that issued VioScrLock.

### Family API Considerations

Some options operate differently in the DOS mode than in the OS/2 mode. Therefore, the following restriction applies to VioScrUnLock when coding in the DOS mode:

The status always indicates the unlock is successful (return code = 0).

### Example Code

### C Binding

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

```
USHORT rc = VioScrUnLock(VioHandle);
```

```
HVIO VioHandle; /* Video handle */
```

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

## MASM Binding

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

```
PUSH WORD VioHandle ;Video handle CALL VioScrUnLock
```

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

# Note

Text based on [http://www.edm2.com/index.php/VioScrUnLock\\_\(FAPi\)](http://www.edm2.com/index.php/VioScrUnLock_(FAPi))

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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