



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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VioSetFont

This call downloads a display font. The font being set must be compatible with the current mode.

Syntax

```
VioSetFont (RequestBlock, VioHandle)
```

Parameters

- RequestBlock ([PVIOFONTINFO](#)) - input: Address of the font structure containing the request.
- VioHandle ([HVIO](#)) - input: Reserved word of 0s.

Return Code

rc (USHORT) - return:Return code descriptions are:

- 0 NO_ERROR
- 355 ERROR_VIO_MODE
- 421 ERROR_VIO_INVALID_PARMS
- 436 ERROR_VIO_INVALID_HANDLE
- 438 ERROR_VIO_INVALID_LENGTH
- 465 ERROR_VIO_DETACHED
- 467 ERROR_VIO_FONT
- 468 ERROR_VIO_USER_FONT
- 494 ERROR_VIO_EXTENDED_SG

Remarks

VioSetFont is applicable only for the enhanced graphics adapter, VGA or IBM Personal System/2 Display Adapter.

Note: Although graphics mode support is provided in VioSetFont, this support is not provided by the

Base Video Handlers provided with OS/2.

When VioSetFont is issued, the current code page is reset. If [VioGetCp](#) is subsequently issued, the error code ERROR_VIO_USER_FONT is returned. Return code, ERROR_VIO_USER_FONT represents a warning. It indicates that although the font could not be loaded into the adapter using the current mode, the font was saved as part of a special user font code page for use with a later [VioSetMode](#). Successfully setting a user font sets the special user font code page, just as if a code page of -1 was specified using [VioSetCp](#).

The user font code page consists of the most recent user font of each size that was set by VioSetFont. For example, if two 8×12 fonts and three 8×16 fonts had been set, only two fonts, the most recent of the 8×12 and 8×16 fonts, would be saved.

The special code page is used in the same way as those code pages specified on the CODEPAGE = statement in CONFIG.SYS.

Bindings

C

```
typedef struct _VIOFONTINFO{ /* viofi */
    USHORT cb;           /* length of this structure */
    USHORT type;         /* request type */
    USHORT cxCell;       /* pel columns in character cell */
    USHORT cyCell;       /* pel rows in character cell */
    PVOID pbData;        /* requested font table (returned) */
    USHORT cbData;        /* length of caller supplied data area (in
bytes) */
} VIOFONTINFO;

#define INCL_VIO

USHORT rc = VioSetFont(RequestBlock, VioHandle);

PVIOfONTINFO RequestBlock; /* Request block */
HVIo          VioHandle;   /* Video handle */

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

MASM

```
VIOFONTINFO struc
    viofi_cb      dw  ? ;length of this structure
    viofi_type    dw  ? ;request type
    viofi_cxCell  dw  ? ;pel columns in character cell
    viofi_cyCell  dw  ? ;pel rows in character cell
    viofi_pbData  dd  ? ;requested font table (returned)
    viofi_cbData  dw  ? ;length of caller supplied data area (in bytes)
```

```
VIOFONTINFO ends
```

```
EXTRN VioSetFont:FAR
INCL_VIO EQU 1

PUSH@ OTHER RequestBlock ;Request block
PUSH WORD VioHandle ;Video handle
CALL VioSetFont
```

Returns WORD

Related Functions

[VioGetFont](#)

<http://www.edm2.com/index.php/VioSetFont>

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 DosCreateCS Alias
	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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