 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 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 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 VIOCALLS.DLL KBDCALLS.DLL MSG.DLL
Libraries		API.LIB OS2386.LIB FAPI.LIB DOSCALLS.LIB SUBCALLS.LIB

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