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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VioSetCp

This call allows a process to set the code page used to display text data on the screen for the specified handle.

Syntax

```
VioSetCp (Reserved, CodePageID, VioHandle)
```

Parameters

- Reserved (USHORT) - input: Reserved word of 0s.
- CodePageID (USHORT) - input: The CodePageID must be either 0, -1, -2, or have been specified on the CONFIG.SYS CODEPAGE = statement. A value of 0000 indicates that the code page is to be set to the default ROM code page provided by the hardware. A value of -1 enables the user font codepage if user fonts have previously been set with VioSetFont. A value of -2 disables the user font and re-enables the prepared system codepage or ROM codepage that was active before the user font was enabled.

If the code page ID is not 0, -1, -2, or does not match one of the ID's on the CODEPAGE = statement, an error results. Refer to `IBM Operating System/2 Command Reference` for a complete description of CODEPAGE.

- 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
- 436 ERROR_VIO_INVALID_HANDLE
- 465 ERROR_VIO_DETACHED
- 469 ERROR_VIO_BAD_CP

- 470 ERROR_VIO_NO_CP
- 471 ERROR_VIO_NA_CP

Remarks

VioSetCp can be used to enable and disable the user font code page as well as the prepared system code pages. If a prepared system code page or the ROM code page is specified, any previously set code page is disabled and the specified code page is enabled.

Specifying the special code page of -1 enables the user font code page if user fonts have previously been set. Specifying the special code page of -2 disables the user font code page and re-enables the prepared system code page or ROM code page that was active before the user font code page was enabled.

PM Considerations

Valid CodePageID values are 0 or one that was specified on the CONFIG.SYS

CODEPAGE = statement; -1 and -2 are not valid for PM.

This call can be used to set an EBCDIC code page for Advanced VIO. For a full-screen or Vio-windowed application, this function causes the displayed characters to be reinterpreted immediately in the new code page. For a Presentation Manager application, the characters in the base font are reinterpreted in the new code page only when other events cause the characters to be repainted. This function has no effect on displayed characters that use a font other than the base font.

Bindings

C

```
#define INCL_VIO

USHORT  rc = VioSetCp(Reserved, CodePageID, VioHandle);

USHORT  Reserved;       /* Reserved (must be zero) */
USHORT  CodePageID;     /* CodePage Id */
HVIO    VioHandle;      /* Video handle */

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

MASM

```
EXTRN   VioSetCp:FAR
INCL_VIO            EQU 1
```

```
PUSH    WORD    Reserved      ;Reserved (must be zero)
PUSH    WORD    CodePageID    ;CodePage Id
PUSH    WORD    VioHandle     ;Video handle
CALL    VioSetCp

Returns WORD
```

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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