 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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DosSetCp

This call allows a process to set its code page and the session's display code page and keyboard code page.

Syntax

```
DosSetCp (CodePage, Reserved)
```

Parameters

- CodePage (USHORT) - input: Code page identifier word that has one of the following values:
  - 437 IBM PC US 437 code page
  - 850 Multilingual code page
  - 860 Portuguese code page
  - 863 Canadian-French code page
  - 865 Nordic code page.
- Reserved (USHORT) - input: Reserved must be set to zero.

Return Code

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

- 0 NO_ERROR
- 5 ERROR_ACCESS_DENIED
- 13 ERROR_INVALID_DATA
- 472 ERROR_INVALID_CODE_PAGE
- 482 ERROR_CP_SWITCH_INCOMPLETE

Remarks

DosSetCp allows a program to set its code page. See CONFIG.SYS and the CODEPAGE command for preparing code pages for the system. The first code page specified in the CODEPAGE command is the

default system code page. The session code page of a new session is set to the default system code page. A session's code page can be changed by the user with the CHCP command at the command prompt. The process code page of a new program started from a session command prompt is set to that session's code page.

DosSetCp sets the process code page of the calling process. The code page of a process is used in a series of ways. First, the printer code page is set to the process code page through the file system and printer spooler when the process makes an open printer request. Calling DosSetCp does not affect the code page of a printer opened prior to the call and does not affect the code page of a printer opened by another process. Second, country dependent information, by default, is retrieved encoded in the code page of the calling process. And third, a newly created process inherits its process code page from its parent process.

DosSetCp also sets, in the session to which the calling process belongs, the code page for the session's default logical keyboard and automatically flushes the keyboard buffer. It also sets the display code page for the session's logical display. This setting of the code page for the session's default logical keyboard and display overrides any previous setting by DosSetCp, DosSetProcCp, KbdSetCp, and VioSetCp by any process in the same session.

Bindings

C

```
#define INCL_DOSNLS

USHORT  rc = DosSetCp(CodePage, Reserved);

USHORT  CodePage;       /* Code page identifier */
USHORT  0;              /* Reserved, set to zero */

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

MASM

```
EXTRN  DosSetCp:FAR
INCL_DOSNLS          EQU 1

PUSH   WORD    CodePage       ;Code page identifier
PUSH   WORD    0              ;Reserved (must be zero)
CALL   DosSetCp

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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