 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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DosGetCp

This call allows a process to query the current process code page and the prepared system code pages.

Syntax

```
DosGetCp (Length, CodePageList, DataLength)
```

Parameters

- Length (USHORT) - input : Length, in bytes, of CodePageList. This length should be at least 2 bytes. If the length is less than the bytes needed to return all the prepared system code pages than the returned CodePageList is truncated.
- CodePageList (PUSHORT) - output : Address of the list of available system code pages. The format of the information returned in this list is:
  - 1 - Current code page identifier
  - 2 - The first prepared code page
  - 3 - The second prepared code page
  - N - Other prepared system code pages.
- DataLength (PUSHORT) - output : Address of the length, in bytes, of the returned data.

Return Code

rc (USHORT) - return:Return code

- 0 NO_ERROR
- 473 ERROR_CPLIST_TOO_SMALL

Remarks

If the process code page identifier was previously set by DosSetCp or inherited by a process, it is returned to the caller.

An input list size (length) of two bytes returns only the current process code page identifier. If CodePageList length is too small to hold all the available information, then as much information as possible is provided in the available space and ERROR_CPLIST_TOO_SMALL is returned.

If no codepages were prepared with the CODEPAGE command, a length of two and current codepage identifier value of zero is returned.

Family API Considerations

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

The current process code page, and no more than one prepared system code page, is returned.

Bindings

C

```
#define INCL_DOSNLS

USHORT  rc = DosGetCp(Length, CodePageList, DataLength);

USHORT           Length;        /* Length of list */
PUSHORT          CodePageList;  /* List (returned) */
PUSHORT          DataLength;    /* Length of list (returned) */

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

MASM

```
EXTRN  DosGetCp:FAR
INCL_DOSNLS         EQU 1

PUSH   WORD    Length        ;Length of list
PUSH@  WORD    CodePageList  ;List (returned)
PUSH@  WORD    DataLength    ;Length of list (returned)
CALL   DosGetCp

Returns WORD
```

Example

This example gets the current code page and then up to 3 other prepared codepages.

```
#define INCL_DOSNLS

USHORT CpList[8];
USHORT CpSize;
USHORT rc;

 rc = DosGetCp(sizeof(CpList),    /* Length of list */
               CpList,            /* List */
               &CpSize);          /* Length of returned list */
```

Related Functions

*DosSetCp

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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