



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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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 descriptions are: *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

```
<PRE> #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 */ </PRE>
```

MASM

```
<PRE> 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 </PRE>
```

Example

This example gets the current code page and then up to 3 other prepared codepages. <PRE> #define INCL_DOSNLS

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

```
rc = DosGetCp(sizeof(CpList), /* Length of list */
```

```
    CpList,          /* List */
    &CpSize);        /* Length of returned list */
```

```
</PRE>
```

Related Functions

*[DosSetCp](#)

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 DosSet FInfo
	Memory Manager	DosFreeSeg DosSubAlloc DosSubFree DosSubSet DosAlloc Huge DosAlloc Seg DosRealloc Huge DosRealloc Seg DosGet Huge Shift DosCreateCS Alias
	NLS	DosCaseMap DosGet Ctry Info DosGet DBCSEv DosSet Ctry Code DosGet Collate DosGet Message DosIns Message DosPut Message
	Date and Time	DosSet DateTime DosGet DateTime
	Devices	DosDevConfig DosDevIOCtl DosDevIOCtl2
	Signals	DosHoldSignal DosSet Sig Handler
	Misc	BadDynLink DosGet Env DosGet Machine Mode DosGet Version DosError DosErr Class DosSet Vec
KBD		KbdCharIn KbdFlushBuffer KbdGet Status KbdSet Status KbdStringIn KbdPeek
VIO		VioGet Buf VioGet Config VioGet Cur Pos VioGet Cur Type VioGet Phys Buf VioRead Cell Str VioRead Char Str VioScroll Up VioScroll Dn VioScroll If VioScroll Rt VioScr Un Lock VioSet Cur Pos VioSet Cur Type VioSet Mode VioGet Mode VioShow Buf VioWrt Cell Str VioWrt Char Str VioWrt Char Str Att VioWrt N Attr VioWrt N Cell VioWrt N Char VioWrt TTY VioScr Lock VioPop Up
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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