



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

2021/09/17 04:47 · prokushhev · [0 Comments](#)

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KbdSetCustXt

This call installs, on the specified handle, the translate table which this call points to. This translate table affects only this handle.

Syntax

```
KbdSetCustXt (Xlatetable, KbdHandle)
```

Parameters

- Xlatetable (PUSHORT) - input : A pointer to the translation table used to translate scan code to ASCII code for a specified handle. The format of the translate table is documented in the Set Code Page IOCTL 50H. Refer to IBM Operating System/2 Version 1.2 I/O Subsystems and Device Support Volume 1 for a complete discussion of Set Code Page IOCTL 50H.
- KbdHandle (HKBD) - input : Default keyboard or the logical keyboard.

Return Code

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

- 0 NO_ERROR
- 377 ERROR_KBD_INVALID_ECHO_MASK
- 378 ERROR_KBD_INVALID_INPUT_MASK
- 439 ERROR_KBD_INVALID_HANDLE
- 445 ERROR_KBD_FOCUS_REQUIRED
- 447 ERROR_KBD_KEYBOARD_BUSY
- 464 ERROR_KBD_DETACHED
- 504 ERROR_KBD_EXTENDED SG

Remarks

The translate table must be maintained in the caller's memory. No copy of the translate table is made by KbdSetCustXt.

KbdSetCp reverses the action of KbdSetCustXt and sets the handle equal to one of the system translate tables. If memory is dynamically allocated by the caller for the translate table and is freed before the KbdSetCp is performed, KbdSetCp and future translations may fail.

Bindings

C

```
#define INCL_KBD

USHORT rc = KbdSetCustXt(Xlatetable, KbdHandle);

PUSHORT Xlatetable; /* Translation Table */
HKBD KbdHandle; /* Keyboard handle */

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

MASM

```
EXTRN KbdSetCustXt:FAR
INCL_KBD EQU 1

PUSH@ WORD CodePage ;Translation Table
PUSH WORD KbdHandle ;Keyboard handle
CALL KbdSetCustXt

Returns WORD
```

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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