 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 · prokushev · 0 Comments
2021/08/20 03:18 · prokushev · 0 Comments

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

```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 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

2018/08/25 15:05 · prokushev · 0 Comments

From:
https://osfree.org/doku/ - **osFree wiki**

Permanent link:
https://osfree.org/doku/doku.php?id=en:docs:fapi:kbdsetcustxt

Last update: **2021/12/01 13:29**