



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 (USHORT) - 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 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:  
<http://www.osfree.org/doku/> - **osFree wiki**

Permanent link:  
<http://www.osfree.org/doku/doku.php?id=en:docs:fapi:kbdsetcustxt&rev=1636032305>

Last update: **2021/11/04 13:25**

