



# KbdFlushBuffer

## Description

This call clears the keystroke buffer.

## Syntax

KbdFlushBuffer (KbdHandle)

## Parameters

; KbdHandle (HKBD) - input : Default keyboard or the logical keyboard.

## Return Code

rc (USHORT) - return

Return code descriptions are: \* 0 NO\_ERROR \* 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

KbdFlushBuffer completes when the handle has access to the physical keyboard (focus), or is equal to zero and no other handle has the focus.

## Family API Considerations

Some options operate differently in the DOS mode than in the OS/2 mode. The KbdHandle is ignored when coding in the DOS mode.

## Example Code

## C Binding

```
<PRE> #define INCL_KBD
```

```
USHORT rc = KbdFlushBuffer(KbdHandle);
```

```
HKBD KbdHandle; /* Keyboard handle */ USHORT rc; /* return code */ </PRE>
```

## MASM Binding

```
<PRE> EXTRN KbdFlushBuffer:FAR INCL_KBD EQU 1
```

```
PUSH WORD KbdHandle ;Keyboard handle CALL KbdFlushBuffer
```

```
Returns WORD </PRE>
```

## Note

Text based on [http://www.edm2.com/index.php/KbdFlushBuffer\\_\(FAPI\)](http://www.edm2.com/index.php/KbdFlushBuffer_(FAPI))

| 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 DosDevIOct1 DosDevIOct2   |
|            | 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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