

KbdOpen

Bindings: C, MASM

This call creates a new logical keyboard.

KbdOpen (KbdHandle)

KbdHandle (**PHKBD**) - output Address of the logical keyboard.

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

0	NO_ERROR
440	ERROR_KBD_NO_MORE_HANDLE
441	ERROR_KBD_CANNOT_CREATE_KCB
464	ERROR_KBD_DETACHED
504	ERROR_KBD_EXTENDED_SG

Remarks

KbdOpen blocks while another thread has the keyboard focus (by way of *KbdGetFocus*) until the thread with the focus issues *KbdFreeFocus*. Therefore, to prevent *KbdOpen* from blocking, it is recommended that *KbdOpen* be issued only while the current thread has the focus. For example:

KbdGetFocus wait until focus available on handle 0
KbdOpen get a logical keyboard handle
KbdOpen get another logical keyboard handle
KbdOpen get yet another logical keyboard handle
KbdFreeFocus give up the focus on handle 0.

C bindings

```
#define INCL_KBD

USHORT rc = KbdOpen(KbdHandle);

PHKBD KbdHandle; /* Keyboard handle */

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

MASM bindings

```
EXTRN KbdOpen:FAR
INCL_KBD EQU 1

PUSH@ WORD KbdHandle ;Keyboard handle
CALL KbdOpen

Returns WORD
```

From:

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

Permanent link:

<http://www.osfree.org/doku/doku.php?id=en:ibm:prcp:kbd:open>

Last update: **2016/09/15 02:44**

