

This call creates a new logical keyboard.

Syntax

KbdOpen (KbdHandle)

Parameters

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

Return Code

;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.
```

Bindings

C

```
<PRE> #define INCL_KBD

USHORT rc = KbdOpen(KbdHandle); PHKBD KbdHandle; /* Keyboard handle */

USHORT rc; /* return code */ </PRE>
```

MASM

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

PUSH@ WORD KbdHandle ;Keyboard handle CALL KbdOpen

Returns WORD </PRE>
```

Kbd

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