

KbdSynch

Bindings: C, MASM

This call synchronizes access from a keyboard subsystem to the keyboard device driver.

KbdSynch (IOWait)

IOWait (**USHORT**) - input Wait for the bond. Values are:

| Value | Definition |
|-------|--|
| 0 | Indicates the requestor does not wait for access to the device driver. |
| 1 | Indicates the requestor waits for access to the device driver. |

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

| | |
|-----|-------------------|
| 0 | NO_ERROR |
| 121 | ERROR_SEM_TIMEOUT |

Remarks

KbdSynch blocks all other threads within a session until return from the subsystem to the router. To ensure proper synchronization, *KbdSynch* should be issued by a keyboard subsystem if it intends to issue a *DosDevIOctl* or access dynamically shared data. *KbdSynch* does not protect globally shared data from threads in other sessions.

C bindings

```
#define INCL_KBD

USHORT rc = KbdSynch(IOWait);

USHORT          IOWait;          /* Indicate if wait */

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

MASM bindings

```
EXTRN KbdSynch:FAR
INCL_KBD EQU 1

PUSH WORD IOWait ;Indicate if wait
CALL KbdSynch

Returns WORD
```

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