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
```

From:
https://www.osfree.org/doku/ - **osFree wiki**

Permanent link:
https://www.osfree.org/doku/doku.php?id=en:ibm:prcp:kbd:synch

Last update: **2016/09/15 03:06**