KbdRegister

Bindings: C, MASM

This call registers a keyboard subsystem within a session.

KbdRegister (ModuleName, EntryPoint, FunctionMask)

ModuleName (*PSZ*) - input Address of the dynamic link module name. Maximum length is 9 bytes (including ASCIIZ terminator).

EntryPoint (**PSZ**) - input Address of the dynamic link entry point name of a routine that receives control when any of the registered functions are called. Maximum length is 33 bytes (including ASCIIZ terminator).

FunctionMask (**ULONG**) - input A bit mask where each bit identifies a keyboard function being registered. The bit values are:

Bit	Description
31-15	Reserved, must be set to zero.
14	KbdGetHWId
13	KbdSetCustXt
12	KbdXlate
11	KbdSetCp
10	KbdGetCp
9	KbdFreeFocus
8	KbdGetFocus
7	KbdClose
6	KbdOpen
5	KbdStringIn
4	KbdSetStatus
3	KbdGetStatus
2	KbdFlushBuffer
1	KbdPeek
0	KbdCharIn

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

0	NO_ERROR
408	ERROR_KBD_INVALID_ASCIIZ
409	ERROR_KBD_INVALID_MASK
410	ERROR_KBD_REGISTER
464	ERROR_KBD_DETACHED
504	ERROR_KBD_EXTENDED_SG

Remarks

There can be only one *KbdRegister* call outstanding for each session without an intervening

KbdDeRegister. *KbdDeRegister* must be issued by the same process that issued the *KbdRegister*.

C bindings

```
#define INCL_KBD

USHORT  rc = KbdRegister(ModuleName, EntryPoint, FunctionMask);

PSZ             ModuleName;    /* Module name */
PSZ             EntryPoint;    /* Entry point name */
ULONG           FunctionMask;  /* Function mask */

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

MASM bindings

```
EXTRN  KbdRegister:FAR
INCL_KBD            EQU 1

PUSH@  ASCIIZ  ModuleName    ;Module name
PUSH@  ASCIIZ  EntryPoint    ;Entry point name
PUSH   DWORD   FunctionMask  ;Function mask
CALL   KbdRegister

Returns WORD
```

From:
http://osfree.su/doku/ - **osFree wiki**

Permanent link:
http://osfree.su/doku/doku.php?id=en:ibm:prcp:kbd:reg

Last update: **2016/09/15 02:49**