



This is part of **Family API** which allow to create dual-os version of program runs under OS/2 and DOS

Note: This is legacy API call. It is recommended to use 32-bit equivalent

2021/09/17 04:47 · prokushev · [0 Comments](#)

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KbdRegister

This call registers a keyboard subsystem within a session.

Syntax

```
KbdRegister (ModuleName, EntryPoint, FunctionMask)
```

Parameters

- **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

Bit	Description
0	KbdCharIn

Return Code

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

- 0 NO_ERROR
- 408 ERROR_KBD_INVALID_ASCIIIZ
- 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.

Bindings

C

```
#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

```
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**

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