



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

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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****Family API**

DOS	Process Manager	DosBeep DosExit DosSleep DosExecPgm
	File Manager	DosChDir DosChgFilePtr DosClose DosDelete DosDupHandle DosMkDir DosMove DosQCurDir DosQCurDisk DosSetFileMode DosOpen DosQFileInfo DosRead DosQFileMode DosQFSInfo DosQVerify DosRmdir DosSelectDisk DosFindClose DosFindFirst DosFindNext DosSetFileInfo DosSetVerify DosWrite DosFileLocks DosSetFHandState DosNewSize DosBufReset DosQFHandState DosSetFSInfo DosShutdown
	Memory Manager	DosFreeSeg DosSubAlloc DosSubFree DosSubSet DosAllocHuge DosAllocSeg DosReallocHuge DosReallocSeg DosGetHugeShift DosCreateCSAlias
	NLS	DosCaseMap DosGetCtryInfo DosGetDBCSEv DosSetCtryCode DosGetCollate DosGetMessage DosInsMessage DosPutMessage
	Date and Time	DosSetDateTime DosGetDateTime
	Devices	DosDevConfig DosDevIOCtl DosDevIOCtl2
	Signals	DosHoldSignal DosSetSigHandler
	Misc	BadDynLink DosGetEnv DosGetMachineMode DosGetVersion DosError DosErrClass DosSetVec
KBD		KbdCharIn KbdFlushBuffer KbdGetStatus KbdSetStatus KbdStringIn KbdPeek
VIO		VioGetBuf VioGetConfig VioGetCurPos VioGetCurType VioGetPhysBuf VioReadCellStr VioReadCharStr VioScrollUp VioScrollDn VioScrollLf VioScrollRt VioScrUnLock VioSetCurPos VioSetCurType VioSetMode VioGetMode VioShowBuf VioWrtCellStr VioWrtCharStr VioWrtCharStrAtt VioWrtNAttr VioWrtNCell VioWrtNChar VioWrtTTY VioScrLock VioPopUp
Tools		BIND
Modules		DOSCALLS.DLL VIOCALLS.DLL KBDSCALLS.DLL MSG.DLL
Libraries		API.LIB OS2386.LIB FAPI.LIB DOSCALLS.LIB SUBCALLS.LIB

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