Keyboard Function Calls

This section reflects the Keyboard API interface of OS/2 only.

For information regarding the keyboard IOCTL interface and keyboard monitor refer to IBM Operating System/2 Version 1.2 I/O Subsystems And Device Support Volume 1.

Notes:

1. Calls marked xPM are not supported by Presentation Manager, and must not be used by Presentation Manager applications. An error code is returned if any of these calls are issued.
2. Calls marked xWPM are not windowable and are not supported by Presentation Manager. They can be used in OS/2 mode.
3. Calls marked FAPI are present in the Family API.

FUNCTION CALL	ICON	Description
KbdCharIn	FAPI xPM	This call returns a character data record from the keyboard.
KbdClose	xPM	This call closes the existing logical keyboard identified by the keyboard handle.
KbdDeRegister	xWPM	This call deregisters a keyboard subsystem previously registered within a session.
KbdFlushBuffer	FAPI xPM	This call clears the keystroke buffer.
KbdFreeFocus	xPM	This call frees the logical-to-physical keyboard bond created by KbdGetFocus
KbdGetCp	xPM	This call allows a process to query the code page being used to translate scan codes to ASCII characters.
KbdGetFocus	xPM	This call binds the logical keyboard to the physical keyboard.
KbdGetHWId	xPM	Returns the attached keyboard's hardware-generated Identification value.
KbdGetStatus	FAPI xPM	This call gets the current state of the keyboard
KbdOpen	xPM	This call creates a new logical keyboard.
KbdPeek	FAPI xPM	This call returns any available character data record from the keyboard without removing it from the buffer.
KbdRegister	xWPM	This call registers a keyboard subsystem within a session.
KbdSetCp	xPM	This call allows the process to set the code page used to translate key strokes received from the keyboard.
KbdSetCustXt	xPM	This call installs, on the specified handle, the translate table which this call points to. This translate table affects only this handle.
KbdSetFgnd	xPM	This call raises the priority of the foreground keyboard's thread.
KbdSetStatus	FAPI xPM	This call sets the characteristics of the keyboard.

FUNCTION CALL	ICON	Description
KbdStringIn	FAPI xPM	This call reads a character string (character codes only) from the keyboard.
KbdSynch	xWPM	This call synchronizes access from a keyboard subsystem to the keyboard device driver.
KbdXlate	xPM	This call translates scan codes with shift states into ASCII codes.

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