

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

| FUNCTION CALL               | ICON     | Description  |
|-----------------------------|----------|--|
| <a href="#">KbdStringIn</a> | FAPi xPM | This call reads a character string (character codes only) from the keyboard.           |
| <a href="#">KbdSynch</a>    | xWPM     | This call synchronizes access from a keyboard subsystem to the keyboard device driver. |
| <a href="#">KbdXlate</a>    | xPM      | This call translates scan codes with shift states into ASCII codes.                    |

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