Virtual-Key Codes

The following table shows the symbolic constant names, hexadecimal values, and mouse or keyboard equivalents for the virtual-key codes used by the system. The codes are listed in numeric order.

|  |  |
| --- | --- |
| **Constant/value** | **Description** |
| **VK\_LBUTTON**  0x01 | Left mouse button |
| **VK\_RBUTTON**  0x02 | Right mouse button |
| **VK\_CANCEL**  0x03 | Control-break processing |
| **VK\_MBUTTON**  0x04 | Middle mouse button (three-button mouse) |
| **VK\_XBUTTON1**  0x05 | X1 mouse button |
| **VK\_XBUTTON2**  0x06 | X2 mouse button |
| **-**  0x07 | Undefined |
| **VK\_BACK**  0x08 | BACKSPACE key |
| **VK\_TAB**  0x09 | TAB key |
| **-**  0x0A-0B | Reserved |
| **VK\_CLEAR**  0x0C | CLEAR key |
| **VK\_RETURN**  0x0D | ENTER key |
| **-**  0x0E-0F | Undefined |
| **VK\_SHIFT**  0x10 | SHIFT key |
| **VK\_CONTROL**  0x11 | CTRL key |
| **VK\_MENU**  0x12 | ALT key |
| **VK\_PAUSE**  0x13 | PAUSE key |
| **VK\_CAPITAL**  0x14 | CAPS LOCK key |
| **VK\_KANA**  0x15 | IME Kana mode |
| **VK\_HANGUEL**  0x15 | IME Hanguel mode (maintained for compatibility; use **VK\_HANGUL**) |
| **VK\_HANGUL**  0x15 | IME Hangul mode |
| **-**  0x16 | Undefined |
| **VK\_JUNJA**  0x17 | IME Junja mode |
| **VK\_FINAL**  0x18 | IME final mode |
| **VK\_HANJA**  0x19 | IME Hanja mode |
| **VK\_KANJI**  0x19 | IME Kanji mode |
| **-**  0x1A | Undefined |
| **VK\_ESCAPE**  0x1B | ESC key |
| **VK\_CONVERT**  0x1C | IME convert |
| **VK\_NONCONVERT**  0x1D | IME nonconvert |
| **VK\_ACCEPT**  0x1E | IME accept |
| **VK\_MODECHANGE**  0x1F | IME mode change request |
| **VK\_SPACE**  0x20 | SPACEBAR |
| **VK\_PRIOR**  0x21 | PAGE UP key |
| **VK\_NEXT**  0x22 | PAGE DOWN key |
| **VK\_END**  0x23 | END key |
| **VK\_HOME**  0x24 | HOME key |
| **VK\_LEFT**  0x25 | LEFT ARROW key |
| **VK\_UP**  0x26 | UP ARROW key |
| **VK\_RIGHT**  0x27 | RIGHT ARROW key |
| **VK\_DOWN**  0x28 | DOWN ARROW key |
| **VK\_SELECT**  0x29 | SELECT key |
| **VK\_PRINT**  0x2A | PRINT key |
| **VK\_EXECUTE**  0x2B | EXECUTE key |
| **VK\_SNAPSHOT**  0x2C | PRINT SCREEN key |
| **VK\_INSERT**  0x2D | INS key |
| **VK\_DELETE**  0x2E | DEL key |
| **VK\_HELP**  0x2F | HELP key |
| 0x30 | 0 key |
| 0x31 | 1 key |
| 0x32 | 2 key |
| 0x33 | 3 key |
| 0x34 | 4 key |
| 0x35 | 5 key |
| 0x36 | 6 key |
| 0x37 | 7 key |
| 0x38 | 8 key |
| 0x39 | 9 key |
| **-**  0x3A-40 | Undefined |
| 0x41 | A key |
| 0x42 | B key |
| 0x43 | C key |
| 0x44 | D key |
| 0x45 | E key |
| 0x46 | F key |
| 0x47 | G key |
| 0x48 | H key |
| 0x49 | I key |
| 0x4A | J key |
| 0x4B | K key |
| 0x4C | L key |
| 0x4D | M key |
| 0x4E | N key |
| 0x4F | O key |
| 0x50 | P key |
| 0x51 | Q key |
| 0x52 | R key |
| 0x53 | S key |
| 0x54 | T key |
| 0x55 | U key |
| 0x56 | V key |
| 0x57 | W key |
| 0x58 | X key |
| 0x59 | Y key |
| 0x5A | Z key |
| **VK\_LWIN**  0x5B | Left Windows key (Natural keyboard) |
| **VK\_RWIN**  0x5C | Right Windows key (Natural keyboard) |
| **VK\_APPS**  0x5D | Applications key (Natural keyboard) |
| **-**  0x5E | Reserved |
| **VK\_SLEEP**  0x5F | Computer Sleep key |
| **VK\_NUMPAD0**  0x60 | Numeric keypad 0 key |
| **VK\_NUMPAD1**  0x61 | Numeric keypad 1 key |
| **VK\_NUMPAD2**  0x62 | Numeric keypad 2 key |
| **VK\_NUMPAD3**  0x63 | Numeric keypad 3 key |
| **VK\_NUMPAD4**  0x64 | Numeric keypad 4 key |
| **VK\_NUMPAD5**  0x65 | Numeric keypad 5 key |
| **VK\_NUMPAD6**  0x66 | Numeric keypad 6 key |
| **VK\_NUMPAD7**  0x67 | Numeric keypad 7 key |
| **VK\_NUMPAD8**  0x68 | Numeric keypad 8 key |
| **VK\_NUMPAD9**  0x69 | Numeric keypad 9 key |
| **VK\_MULTIPLY**  0x6A | Multiply key |
| **VK\_ADD**  0x6B | Add key |
| **VK\_SEPARATOR**  0x6C | Separator key |
| **VK\_SUBTRACT**  0x6D | Subtract key |
| **VK\_DECIMAL**  0x6E | Decimal key |
| **VK\_DIVIDE**  0x6F | Divide key |
| **VK\_F1**  0x70 | F1 key |
| **VK\_F2**  0x71 | F2 key |
| **VK\_F3**  0x72 | F3 key |
| **VK\_F4**  0x73 | F4 key |
| **VK\_F5**  0x74 | F5 key |
| **VK\_F6**  0x75 | F6 key |
| **VK\_F7**  0x76 | F7 key |
| **VK\_F8**  0x77 | F8 key |
| **VK\_F9**  0x78 | F9 key |
| **VK\_F10**  0x79 | F10 key |
| **VK\_F11**  0x7A | F11 key |
| **VK\_F12**  0x7B | F12 key |
| **VK\_F13**  0x7C | F13 key |
| **VK\_F14**  0x7D | F14 key |
| **VK\_F15**  0x7E | F15 key |
| **VK\_F16**  0x7F | F16 key |
| **VK\_F17**  0x80 | F17 key |
| **VK\_F18**  0x81 | F18 key |
| **VK\_F19**  0x82 | F19 key |
| **VK\_F20**  0x83 | F20 key |
| **VK\_F21**  0x84 | F21 key |
| **VK\_F22**  0x85 | F22 key |
| **VK\_F23**  0x86 | F23 key |
| **VK\_F24**  0x87 | F24 key |
| **-**  0x88-8F | Unassigned |
| **VK\_NUMLOCK**  0x90 | NUM LOCK key |
| **VK\_SCROLL**  0x91 | SCROLL LOCK key |
| 0x92-96 | OEM specific |
| **-**  0x97-9F | Unassigned |
| **VK\_LSHIFT**  0xA0 | Left SHIFT key |
| **VK\_RSHIFT**  0xA1 | Right SHIFT key |
| **VK\_LCONTROL**  0xA2 | Left CONTROL key |
| **VK\_RCONTROL**  0xA3 | Right CONTROL key |
| **VK\_LMENU**  0xA4 | Left MENU key |
| **VK\_RMENU**  0xA5 | Right MENU key |
| **VK\_BROWSER\_BACK**  0xA6 | Browser Back key |
| **VK\_BROWSER\_FORWARD**  0xA7 | Browser Forward key |
| **VK\_BROWSER\_REFRESH**  0xA8 | Browser Refresh key |
| **VK\_BROWSER\_STOP**  0xA9 | Browser Stop key |
| **VK\_BROWSER\_SEARCH**  0xAA | Browser Search key |
| **VK\_BROWSER\_FAVORITES**  0xAB | Browser Favorites key |
| **VK\_BROWSER\_HOME**  0xAC | Browser Start and Home key |
| **VK\_VOLUME\_MUTE**  0xAD | Volume Mute key |
| **VK\_VOLUME\_DOWN**  0xAE | Volume Down key |
| **VK\_VOLUME\_UP**  0xAF | Volume Up key |
| **VK\_MEDIA\_NEXT\_TRACK**  0xB0 | Next Track key |
| **VK\_MEDIA\_PREV\_TRACK**  0xB1 | Previous Track key |
| **VK\_MEDIA\_STOP**  0xB2 | Stop Media key |
| **VK\_MEDIA\_PLAY\_PAUSE**  0xB3 | Play/Pause Media key |
| **VK\_LAUNCH\_MAIL**  0xB4 | Start Mail key |
| **VK\_LAUNCH\_MEDIA\_SELECT**  0xB5 | Select Media key |
| **VK\_LAUNCH\_APP1**  0xB6 | Start Application 1 key |
| **VK\_LAUNCH\_APP2**  0xB7 | Start Application 2 key |
| **-**  0xB8-B9 | Reserved |
| **VK\_OEM\_1**  0xBA | Used for miscellaneous characters; it can vary by keyboard.  For the US standard keyboard, the ';:' key |
| **VK\_OEM\_PLUS**  0xBB | For any country/region, the '+' key |
| **VK\_OEM\_COMMA**  0xBC | For any country/region, the ',' key |
| **VK\_OEM\_MINUS**  0xBD | For any country/region, the '-' key |
| **VK\_OEM\_PERIOD**  0xBE | For any country/region, the '.' key |
| **VK\_OEM\_2**  0xBF | Used for miscellaneous characters; it can vary by keyboard.  For the US standard keyboard, the '/?' key |
| **VK\_OEM\_3**  0xC0 | Used for miscellaneous characters; it can vary by keyboard.  For the US standard keyboard, the '`~' key |
| **-**  0xC1-D7 | Reserved |
| **-**  0xD8-DA | Unassigned |
| **VK\_OEM\_4**  0xDB | Used for miscellaneous characters; it can vary by keyboard.  For the US standard keyboard, the '[{' key |
| **VK\_OEM\_5**  0xDC | Used for miscellaneous characters; it can vary by keyboard.  For the US standard keyboard, the '\|' key |
| **VK\_OEM\_6**  0xDD | Used for miscellaneous characters; it can vary by keyboard.  For the US standard keyboard, the ']}' key |
| **VK\_OEM\_7**  0xDE | Used for miscellaneous characters; it can vary by keyboard.  For the US standard keyboard, the 'single-quote/double-quote' key |
| **VK\_OEM\_8**  0xDF | Used for miscellaneous characters; it can vary by keyboard. |
| **-**  0xE0 | Reserved |
| 0xE1 | OEM specific |
| **VK\_OEM\_102**  0xE2 | Either the angle bracket key or the backslash key on the RT 102-key keyboard |
| 0xE3-E4 | OEM specific |
| **VK\_PROCESSKEY**  0xE5 | IME PROCESS key |
| 0xE6 | OEM specific |
| **VK\_PACKET**  0xE7 | Used to pass Unicode characters as if they were keystrokes. The VK\_PACKET key is the low word of a 32-bit Virtual Key value used for non-keyboard input methods. For more information, see Remark in [**KEYBDINPUT**](https://msdn.microsoft.com/en-us/library/ms646271(v=vs.85).aspx), [**SendInput**](https://msdn.microsoft.com/en-us/library/ms646310(v=vs.85).aspx), [**WM\_KEYDOWN**](https://msdn.microsoft.com/en-us/library/ms646280(v=vs.85).aspx), and [**WM\_KEYUP**](https://msdn.microsoft.com/en-us/library/ms646281(v=vs.85).aspx) |
| **-**  0xE8 | Unassigned |
| 0xE9-F5 | OEM specific |
| **VK\_ATTN**  0xF6 | Attn key |
| **VK\_CRSEL**  0xF7 | CrSel key |
| **VK\_EXSEL**  0xF8 | ExSel key |
| **VK\_EREOF**  0xF9 | Erase EOF key |
| **VK\_PLAY**  0xFA | Play key |
| **VK\_ZOOM**  0xFB | Zoom key |
| **VK\_NONAME**  0xFC | Reserved |
| **VK\_PA1**  0xFD | PA1 key |
| **VK\_OEM\_CLEAR**  0xFE | Clear key |

Requirements

|  |  |
| --- | --- |
| **Minimum supported client** | Windows 2000 Professional [desktop apps only] |
| **Minimum supported server** | Windows 2000 Server [desktop apps only] |
| **Header** | Winuser.h |

Community Additions

[ADD](https://msdn.microsoft.com/en-us/library/community/add/dd375731(v=vs.85).aspx)

As C# enum, with OEM specific, reservied, and unidentifieds removed.

public enum WindowsVirtualKey  
    {  
        [Description("Left mouse button")]  
        VK\_LBUTTON = 0x01,  
  
        [Description("Right mouse button")]  
        VK\_RBUTTON = 0x02,  
  
        [Description("Control-break processing")]  
        VK\_CANCEL = 0x03,  
  
        [Description("Middle mouse button (three-button mouse)")]  
        VK\_MBUTTON = 0x04,  
  
        [Description("X1 mouse button")]  
        VK\_XBUTTON1 = 0x05,  
  
        [Description("X2 mouse button")]  
        VK\_XBUTTON2 = 0x06,  
  
        [Description("BACKSPACE key")]  
        VK\_BACK = 0x08,  
  
        [Description("TAB key")]  
        VK\_TAB = 0x09,  
  
        [Description("CLEAR key")]  
        VK\_CLEAR = 0x0C,  
  
        [Description("ENTER key")]  
        VK\_RETURN = 0x0D,  
  
        [Description("SHIFT key")]  
        VK\_SHIFT = 0x10,  
  
        [Description("CTRL key")]  
        VK\_CONTROL = 0x11,  
  
        [Description("ALT key")]  
        VK\_MENU = 0x12,  
  
        [Description("PAUSE key")]  
        VK\_PAUSE = 0x13,  
  
        [Description("CAPS LOCK key")]  
        VK\_CAPITAL = 0x14,  
  
        [Description("IME Kana mode")]  
        VK\_KANA = 0x15,  
  
        [Description("IME Hanguel mode (maintained for compatibility; use VK\_HANGUL)")]  
        VK\_HANGUEL = 0x15,  
  
        [Description("IME Hangul mode")]  
        VK\_HANGUL = 0x15,  
  
        [Description("IME Junja mode")]  
        VK\_JUNJA = 0x17,  
  
        [Description("IME final mode")]  
        VK\_FINAL = 0x18,  
  
        [Description("IME Hanja mode")]  
        VK\_HANJA = 0x19,  
  
        [Description("IME Kanji mode")]  
        VK\_KANJI = 0x19,  
  
        [Description("ESC key")]  
        VK\_ESCAPE = 0x1B,  
  
        [Description("IME convert")]  
        VK\_CONVERT = 0x1C,  
  
        [Description("IME nonconvert")]  
        VK\_NONCONVERT = 0x1D,  
  
        [Description("IME accept")]  
        VK\_ACCEPT = 0x1E,  
  
        [Description("IME mode change request")]  
        VK\_MODECHANGE = 0x1F,  
  
        [Description("SPACEBAR")]  
        VK\_SPACE = 0x20,  
  
        [Description("PAGE UP key")]  
        VK\_PRIOR = 0x21,  
  
        [Description("PAGE DOWN key")]  
        VK\_NEXT = 0x22,  
  
        [Description("END key")]  
        VK\_END = 0x23,  
  
        [Description("HOME key")]  
        VK\_HOME = 0x24,  
  
        [Description("LEFT ARROW key")]  
        VK\_LEFT = 0x25,  
  
        [Description("UP ARROW key")]  
        VK\_UP = 0x26,  
  
        [Description("RIGHT ARROW key")]  
        VK\_RIGHT = 0x27,  
  
        [Description("DOWN ARROW key")]  
        VK\_DOWN = 0x28,  
  
        [Description("SELECT key")]  
        VK\_SELECT = 0x29,  
  
        [Description("PRINT key")]  
        VK\_PRINT = 0x2A,  
  
        [Description("EXECUTE key")]  
        VK\_EXECUTE = 0x2B,  
  
        [Description("PRINT SCREEN key")]  
        VK\_SNAPSHOT = 0x2C,  
  
        [Description("INS key")]  
        VK\_INSERT = 0x2D,  
  
        [Description("DEL key")]  
        VK\_DELETE = 0x2E,  
  
        [Description("HELP key")]  
        VK\_HELP = 0x2F,  
  
        [Description("0 key")]  
        K\_0 = 0x30,  
  
        [Description("1 key")]  
        K\_1 = 0x31,  
  
        [Description("2 key")]  
        K\_2 = 0x32,  
  
        [Description("3 key")]  
        K\_3 = 0x33,  
  
        [Description("4 key")]  
        K\_4 = 0x34,  
  
        [Description("5 key")]  
        K\_5 = 0x35,  
  
        [Description("6 key")]  
        K\_6 = 0x36,  
  
        [Description("7 key")]  
        K\_7 = 0x37,  
  
        [Description("8 key")]  
        K\_8 = 0x38,  
  
        [Description("9 key")]  
        K\_9 = 0x39,  
  
        [Description("A key")]  
        K\_A = 0x41,  
  
        [Description("B key")]  
        K\_B = 0x42,  
  
        [Description("C key")]  
        K\_C = 0x43,  
  
        [Description("D key")]  
        K\_D = 0x44,  
  
        [Description("E key")]  
        K\_E = 0x45,  
  
        [Description("F key")]  
        K\_F = 0x46,  
  
        [Description("G key")]  
        K\_G = 0x47,  
  
        [Description("H key")]  
        K\_H = 0x48,  
  
        [Description("I key")]  
        K\_I = 0x49,  
  
        [Description("J key")]  
        K\_J = 0x4A,  
  
        [Description("K key")]  
        K\_K = 0x4B,  
  
        [Description("L key")]  
        K\_L = 0x4C,  
  
        [Description("M key")]  
        K\_M = 0x4D,  
  
        [Description("N key")]  
        K\_N = 0x4E,  
  
        [Description("O key")]  
        K\_O = 0x4F,  
  
        [Description("P key")]  
        K\_P = 0x50,  
  
        [Description("Q key")]  
        K\_Q = 0x51,  
  
        [Description("R key")]  
        K\_R = 0x52,  
  
        [Description("S key")]  
        K\_S = 0x53,  
  
        [Description("T key")]  
        K\_T = 0x54,  
  
        [Description("U key")]  
        K\_U = 0x55,  
  
        [Description("V key")]  
        K\_V = 0x56,  
  
        [Description("W key")]  
        K\_W = 0x57,  
  
        [Description("X key")]  
        K\_X = 0x58,  
  
        [Description("Y key")]  
        K\_Y = 0x59,  
  
        [Description("Z key")]  
        K\_Z = 0x5A,  
  
        [Description("Left Windows key (Natural keyboard)")]  
        VK\_LWIN = 0x5B,  
  
        [Description("Right Windows key (Natural keyboard)")]  
        VK\_RWIN = 0x5C,  
  
        [Description("Applications key (Natural keyboard)")]  
        VK\_APPS = 0x5D,  
  
        [Description("Computer Sleep key")]  
        VK\_SLEEP = 0x5F,  
  
        [Description("Numeric keypad 0 key")]  
        VK\_NUMPAD0 = 0x60,  
  
        [Description("Numeric keypad 1 key")]  
        VK\_NUMPAD1 = 0x61,  
  
        [Description("Numeric keypad 2 key")]  
        VK\_NUMPAD2 = 0x62,  
  
        [Description("Numeric keypad 3 key")]  
        VK\_NUMPAD3 = 0x63,  
  
        [Description("Numeric keypad 4 key")]  
        VK\_NUMPAD4 = 0x64,  
  
        [Description("Numeric keypad 5 key")]  
        VK\_NUMPAD5 = 0x65,  
  
        [Description("Numeric keypad 6 key")]  
        VK\_NUMPAD6 = 0x66,  
  
        [Description("Numeric keypad 7 key")]  
        VK\_NUMPAD7 = 0x67,  
  
        [Description("Numeric keypad 8 key")]  
        VK\_NUMPAD8 = 0x68,  
  
        [Description("Numeric keypad 9 key")]  
        VK\_NUMPAD9 = 0x69,  
  
        [Description("Multiply key")]  
        VK\_MULTIPLY = 0x6A,  
  
        [Description("Add key")]  
        VK\_ADD = 0x6B,  
  
        [Description("Separator key")]  
        VK\_SEPARATOR = 0x6C,  
  
        [Description("Subtract key")]  
        VK\_SUBTRACT = 0x6D,  
  
        [Description("Decimal key")]  
        VK\_DECIMAL = 0x6E,  
  
        [Description("Divide key")]  
        VK\_DIVIDE = 0x6F,  
  
        [Description("F1 key")]  
        VK\_F1 = 0x70,  
  
        [Description("F2 key")]  
        VK\_F2 = 0x71,  
  
        [Description("F3 key")]  
        VK\_F3 = 0x72,  
  
        [Description("F4 key")]  
        VK\_F4 = 0x73,  
  
        [Description("F5 key")]  
        VK\_F5 = 0x74,  
  
        [Description("F6 key")]  
        VK\_F6 = 0x75,  
  
        [Description("F7 key")]  
        VK\_F7 = 0x76,  
  
        [Description("F8 key")]  
        VK\_F8 = 0x77,  
  
        [Description("F9 key")]  
        VK\_F9 = 0x78,  
  
        [Description("F10 key")]  
        VK\_F10 = 0x79,  
  
        [Description("F11 key")]  
        VK\_F11 = 0x7A,  
  
        [Description("F12 key")]  
        VK\_F12 = 0x7B,  
  
        [Description("F13 key")]  
        VK\_F13 = 0x7C,  
  
        [Description("F14 key")]  
        VK\_F14 = 0x7D,  
  
        [Description("F15 key")]  
        VK\_F15 = 0x7E,  
  
        [Description("F16 key")]  
        VK\_F16 = 0x7F,  
  
        [Description("F17 key")]  
        VK\_F17 = 0x80,  
  
        [Description("F18 key")]  
        VK\_F18 = 0x81,  
  
        [Description("F19 key")]  
        VK\_F19 = 0x82,  
  
        [Description("F20 key")]  
        VK\_F20 = 0x83,  
  
        [Description("F21 key")]  
        VK\_F21 = 0x84,  
  
        [Description("F22 key")]  
        VK\_F22 = 0x85,  
  
        [Description("F23 key")]  
        VK\_F23 = 0x86,  
  
        [Description("F24 key")]  
        VK\_F24 = 0x87,  
  
        [Description("NUM LOCK key")]  
        VK\_NUMLOCK = 0x90,  
  
        [Description("SCROLL LOCK key")]  
        VK\_SCROLL = 0x91,  
  
        [Description("Left SHIFT key")]  
        VK\_LSHIFT = 0xA0,  
  
        [Description("Right SHIFT key")]  
        VK\_RSHIFT = 0xA1,  
  
        [Description("Left CONTROL key")]  
        VK\_LCONTROL = 0xA2,  
  
        [Description("Right CONTROL key")]  
        VK\_RCONTROL = 0xA3,  
  
        [Description("Left MENU key")]  
        VK\_LMENU = 0xA4,  
  
        [Description("Right MENU key")]  
        VK\_RMENU = 0xA5,  
  
        [Description("Browser Back key")]  
        VK\_BROWSER\_BACK = 0xA6,  
  
        [Description("Browser Forward key")]  
        VK\_BROWSER\_FORWARD = 0xA7,  
  
        [Description("Browser Refresh key")]  
        VK\_BROWSER\_REFRESH = 0xA8,  
  
        [Description("Browser Stop key")]  
        VK\_BROWSER\_STOP = 0xA9,  
  
        [Description("Browser Search key")]  
        VK\_BROWSER\_SEARCH = 0xAA,  
  
        [Description("Browser Favorites key")]  
        VK\_BROWSER\_FAVORITES = 0xAB,  
  
        [Description("Browser Start and Home key")]  
        VK\_BROWSER\_HOME = 0xAC,  
  
        [Description("Volume Mute key")]  
        VK\_VOLUME\_MUTE = 0xAD,  
  
        [Description("Volume Down key")]  
        VK\_VOLUME\_DOWN = 0xAE,  
  
        [Description("Volume Up key")]  
        VK\_VOLUME\_UP = 0xAF,  
  
        [Description("Next Track key")]  
        VK\_MEDIA\_NEXT\_TRACK = 0xB0,  
  
        [Description("Previous Track key")]  
        VK\_MEDIA\_PREV\_TRACK = 0xB1,  
  
        [Description("Stop Media key")]  
        VK\_MEDIA\_STOP = 0xB2,  
  
        [Description("Play/Pause Media key")]  
        VK\_MEDIA\_PLAY\_PAUSE = 0xB3,  
  
        [Description("Start Mail key")]  
        VK\_LAUNCH\_MAIL = 0xB4,  
  
        [Description("Select Media key")]  
        VK\_LAUNCH\_MEDIA\_SELECT = 0xB5,  
  
        [Description("Start Application 1 key")]  
        VK\_LAUNCH\_APP1 = 0xB6,  
  
        [Description("Start Application 2 key")]  
        VK\_LAUNCH\_APP2 = 0xB7,  
  
        [Description("Used for miscellaneous characters; it can vary by keyboard. For the US standard keyboard, the ';:' key")]  
        VK\_OEM\_1 = 0xBA,  
  
        [Description("For any country/region, the '+' key")]  
        VK\_OEM\_PLUS = 0xBB,  
  
        [Description("For any country/region, the ',' key")]  
        VK\_OEM\_COMMA = 0xBC,  
  
        [Description("For any country/region, the '-' key")]  
        VK\_OEM\_MINUS = 0xBD,  
  
        [Description("For any country/region, the '.' key")]  
        VK\_OEM\_PERIOD = 0xBE,  
  
        [Description("Used for miscellaneous characters; it can vary by keyboard. For the US standard keyboard, the '/?' key")]  
        VK\_OEM\_2 = 0xBF,  
  
        [Description("Used for miscellaneous characters; it can vary by keyboard. For the US standard keyboard, the '`~' key")]  
        VK\_OEM\_3 = 0xC0,  
  
        [Description("Used for miscellaneous characters; it can vary by keyboard. For the US standard keyboard, the '[{' key")]  
        VK\_OEM\_4 = 0xDB,  
  
        [Description("Used for miscellaneous characters; it can vary by keyboard. For the US standard keyboard, the '\\|' key")]  
        VK\_OEM\_5 = 0xDC,  
  
        [Description("Used for miscellaneous characters; it can vary by keyboard. For the US standard keyboard, the ']}' key")]  
        VK\_OEM\_6 = 0xDD,  
  
        [Description("Used for miscellaneous characters; it can vary by keyboard. For the US standard keyboard, the 'single-quote/double-quote' key")]  
        VK\_OEM\_7 = 0xDE,  
  
        [Description("Used for miscellaneous characters; it can vary by keyboard.")]  
        VK\_OEM\_8 = 0xDF,  
  
  
        [Description("Either the angle bracket key or the backslash key on the RT 102-key keyboard")]  
        VK\_OEM\_102 = 0xE2,  
  
        [Description("IME PROCESS key")]  
        VK\_PROCESSKEY = 0xE5,  
  
  
        [Description("Used to pass Unicode characters as if they were keystrokes. The VK\_PACKET key is the low word of a 32-bit Virtual Key value used for non-keyboard input methods. For more information, see Remark in KEYBDINPUT, SendInput, WM\_KEYDOWN, and WM\_KEYUP")]  
        VK\_PACKET = 0xE7,  
  
        [Description("Attn key")]  
        VK\_ATTN = 0xF6,  
  
        [Description("CrSel key")]  
        VK\_CRSEL = 0xF7,  
  
        [Description("ExSel key")]  
        VK\_EXSEL = 0xF8,  
  
        [Description("Erase EOF key")]  
        VK\_EREOF = 0xF9,  
  
        [Description("Play key")]  
        VK\_PLAY = 0xFA,  
  
        [Description("Zoom key")]  
        VK\_ZOOM = 0xFB,  
  
        [Description("PA1 key")]  
        VK\_PA1 = 0xFD,  
  
        [Description("Clear key")]  
        VK\_OEM\_CLEAR = 0xFE,  
  
    }

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4/20/2015

VBA Version

'  VBA version.

Public Const VK\_LBUTTON                      As Long = &H1       ' Left mouse button  
Public Const VK\_RBUTTON                      As Long = &H2       ' Right mouse button  
Public Const VK\_CANCEL                       As Long = &H3       ' Control-break processing  
Public Const VK\_MBUTTON                      As Long = &H4       ' Middle mouse button (three-button mouse)  
Public Const VK\_XBUTTON1                     As Long = &H5       ' X1 mouse button  
Public Const VK\_XBUTTON2                     As Long = &H6       ' X2 mouse button  
Public Const VK\_BACK                         As Long = &H8       ' BACKSPACE key  
Public Const VK\_TAB                          As Long = &H9       ' TAB key  
Public Const VK\_CLEAR                        As Long = &HC       ' CLEAR key  
Public Const VK\_RETURN                       As Long = &HD       ' ENTER key  
Public Const VK\_SHIFT                        As Long = &H10      ' SHIFT key  
Public Const VK\_CONTROL                      As Long = &H11      ' CTRL key  
Public Const VK\_MENU                         As Long = &H12      ' ALT key  
Public Const VK\_PAUSE                        As Long = &H13      ' PAUSE key  
Public Const VK\_CAPITAL                      As Long = &H14      ' CAPS LOCK key  
Public Const VK\_KANA                         As Long = &H15      ' IME Kana mode  
Public Const VK\_JUNJA                        As Long = &H17      ' IME Junja mode  
Public Const VK\_FINAL                        As Long = &H18      ' IME final mode  
Public Const VK\_HANJA                        As Long = &H19      ' IME Hanja mode  
Public Const VK\_ESCAPE                       As Long = &H1B      ' ESC key  
Public Const VK\_CONVERT                      As Long = &H1C      ' IME convert  
Public Const VK\_NONCONVERT                   As Long = &H1D      ' IME nonconvert  
Public Const VK\_ACCEPT                       As Long = &H1E      ' IME accept  
Public Const VK\_MODECHANGE                   As Long = &H1F      ' IME mode change request  
Public Const VK\_SPACE                        As Long = &H20      ' SPACEBAR  
Public Const VK\_PRIOR                        As Long = &H21      ' PAGE UP key  
Public Const VK\_NEXT                         As Long = &H22      ' PAGE DOWN key  
Public Const VK\_END                          As Long = &H23      ' END key  
Public Const VK\_HOME                         As Long = &H24      ' HOME key  
Public Const VK\_LEFT                         As Long = &H25      ' LEFT ARROW key  
Public Const VK\_UP                           As Long = &H26      ' UP ARROW key  
Public Const VK\_RIGHT                        As Long = &H27      ' RIGHT ARROW key  
Public Const VK\_DOWN                         As Long = &H28      ' DOWN ARROW key  
Public Const VK\_SELECT                       As Long = &H29      ' SELECT key  
Public Const VK\_PRINT                        As Long = &H2A      ' PRINT key  
Public Const VK\_EXECUTE                      As Long = &H2B      ' EXECUTE key  
Public Const VK\_SNAPSHOT                     As Long = &H2C      ' PRINT SCREEN key  
Public Const VK\_INSERT                       As Long = &H2D      ' INS key  
Public Const VK\_DELETE                       As Long = &H2E      ' DEL key  
Public Const VK\_HELP                         As Long = &H2F      ' HELP key  
Public Const VK\_LWIN                         As Long = &H5B      ' Left Windows key (Natural keyboard)  
Public Const VK\_RWIN                         As Long = &H5C      ' Right Windows key (Natural keyboard)  
Public Const VK\_APPS                         As Long = &H5D      ' Applications key (Natural keyboard)  
Public Const VK\_SLEEP                        As Long = &H5F      ' Computer Sleep key  
Public Const VK\_NUMPAD0                      As Long = &H60      ' Numeric keypad 0 key  
Public Const VK\_NUMPAD1                      As Long = &H61      ' Numeric keypad 1 key  
Public Const VK\_NUMPAD2                      As Long = &H62      ' Numeric keypad 2 key  
Public Const VK\_NUMPAD3                      As Long = &H63      ' Numeric keypad 3 key  
Public Const VK\_NUMPAD4                      As Long = &H64      ' Numeric keypad 4 key  
Public Const VK\_NUMPAD5                      As Long = &H65      ' Numeric keypad 5 key  
Public Const VK\_NUMPAD6                      As Long = &H66      ' Numeric keypad 6 key  
Public Const VK\_NUMPAD7                      As Long = &H67      ' Numeric keypad 7 key  
Public Const VK\_NUMPAD8                      As Long = &H68      ' Numeric keypad 8 key  
Public Const VK\_NUMPAD9                      As Long = &H69      ' Numeric keypad 9 key  
Public Const VK\_MULTIPLY                     As Long = &H6A      ' Multiply key  
Public Const VK\_ADD                          As Long = &H6B      ' Add key  
Public Const VK\_SEPARATOR                    As Long = &H6C      ' Separator key  
Public Const VK\_SUBTRACT                     As Long = &H6D      ' Subtract key  
Public Const VK\_DECIMAL                      As Long = &H6E      ' Decimal key  
Public Const VK\_DIVIDE                       As Long = &H6F      ' Divide key  
Public Const VK\_F1                           As Long = &H70      ' F1 key  
Public Const VK\_F2                           As Long = &H71      ' F2 key  
Public Const VK\_F3                           As Long = &H72      ' F3 key  
Public Const VK\_F4                           As Long = &H73      ' F4 key  
Public Const VK\_F5                           As Long = &H74      ' F5 key  
Public Const VK\_F6                           As Long = &H75      ' F6 key  
Public Const VK\_F7                           As Long = &H76      ' F7 key  
Public Const VK\_F8                           As Long = &H77      ' F8 key  
Public Const VK\_F9                           As Long = &H78      ' F9 key  
Public Const VK\_F10                          As Long = &H79      ' F10 key  
Public Const VK\_F11                          As Long = &H7A      ' F11 key  
Public Const VK\_F12                          As Long = &H7B      ' F12 key  
Public Const VK\_F13                          As Long = &H7C      ' F13 key  
Public Const VK\_F14                          As Long = &H7D      ' F14 key  
Public Const VK\_F15                          As Long = &H7E      ' F15 key  
Public Const VK\_F16                          As Long = &H7F      ' F16 key  
Public Const VK\_F17                          As Long = &H80      ' F17 key  
Public Const VK\_F18                          As Long = &H81      ' F18 key  
Public Const VK\_F19                          As Long = &H82      ' F19 key  
Public Const VK\_F20                          As Long = &H83      ' F20 key  
Public Const VK\_F21                          As Long = &H84      ' F21 key  
Public Const VK\_F22                          As Long = &H85      ' F22 key  
Public Const VK\_F23                          As Long = &H86      ' F23 key  
Public Const VK\_F24                          As Long = &H87      ' F24 key  
Public Const VK\_NUMLOCK                      As Long = &H90      ' NUM LOCK key  
Public Const VK\_SCROLL                       As Long = &H91      ' SCROLL LOCK key  
Public Const VK\_LSHIFT                       As Long = &HA0      ' Left SHIFT key  
Public Const VK\_RSHIFT                       As Long = &HA1      ' Right SHIFT key  
Public Const VK\_LCONTROL                     As Long = &HA2      ' Left CONTROL key  
Public Const VK\_RCONTROL                     As Long = &HA3      ' Right CONTROL key  
Public Const VK\_LMENU                        As Long = &HA4      ' Left MENU key  
Public Const VK\_RMENU                        As Long = &HA5      ' Right MENU key  
Public Const VK\_BROWSER\_BACK                 As Long = &HA6      ' Browser Back key  
Public Const VK\_BROWSER\_FORWARD              As Long = &HA7      ' Browser Forward key  
Public Const VK\_BROWSER\_REFRESH              As Long = &HA8      ' Browser Refresh key  
Public Const VK\_BROWSER\_STOP                 As Long = &HA9      ' Browser Stop key  
Public Const VK\_BROWSER\_SEARCH               As Long = &HAA      ' Browser Search key  
Public Const VK\_BROWSER\_FAVORITES            As Long = &HAB      ' Browser Favorites key  
Public Const VK\_BROWSER\_HOME                 As Long = &HAC      ' Browser Start and Home key  
Public Const VK\_VOLUME\_MUTE                  As Long = &HAD      ' Volume Mute key  
Public Const VK\_VOLUME\_DOWN                  As Long = &HAE      ' Volume Down key  
Public Const VK\_VOLUME\_UP                    As Long = &HAF      ' Volume Up key  
Public Const VK\_MEDIA\_NEXT\_TRACK             As Long = &HB0      ' Next Track key  
Public Const VK\_MEDIA\_PREV\_TRACK             As Long = &HB1      ' Previous Track key  
Public Const VK\_MEDIA\_STOP                   As Long = &HB2      ' Stop Media key  
Public Const VK\_MEDIA\_PLAY\_PAUSE             As Long = &HB3      ' Play/Pause Media key  
Public Const VK\_LAUNCH\_MAIL                  As Long = &HB4      ' Start Mail key  
Public Const VK\_LAUNCH\_MEDIA\_SELECT          As Long = &HB5      ' Select Media key  
Public Const VK\_LAUNCH\_APP1                  As Long = &HB6      ' Start Application 1 key  
Public Const VK\_LAUNCH\_APP2                  As Long = &HB7      ' Start Application 2 key  
Public Const VK\_OEM\_1                        As Long = &HBA      ' Used for miscellaneous characters; it can vary by keyboard. For the US standard keyboard, the ';:' key  
Public Const VK\_OEM\_PLUS                     As Long = &HBB      ' For any country/region, the '+' key  
Public Const VK\_OEM\_COMMA                    As Long = &HBC      ' For any country/region, the ',' key  
Public Const VK\_OEM\_MINUS                    As Long = &HBD      ' For any country/region, the '-' key  
Public Const VK\_OEM\_PERIOD                   As Long = &HBE      ' For any country/region, the '.' key  
Public Const VK\_OEM\_2                        As Long = &HBF      ' Used for miscellaneous characters; it can vary by keyboard. For the US standard keyboard, the '/?' key  
Public Const VK\_OEM\_3                        As Long = &HC0      ' Used for miscellaneous characters; it can vary by keyboard. For the US standard keyboard, the '~' key  
Public Const VK\_OEM\_4                        As Long = &HDB      ' Used for miscellaneous characters; it can vary by keyboard. For the US standard keyboard, the '[{' key  
Public Const VK\_OEM\_5                        As Long = &HDC      ' Used for miscellaneous characters; it can vary by keyboard. For the US standard keyboard, the '\|' key  
Public Const VK\_OEM\_6                        As Long = &HDD      ' Used for miscellaneous characters; it can vary by keyboard. For the US standard keyboard, the ']}' key  
Public Const VK\_OEM\_7                        As Long = &HDE      ' Used for miscellaneous characters; it can vary by keyboard. For the US standard keyboard, the 'single-quote/double-quote' key  
Public Const VK\_OEM\_8                        As Long = &HDF      ' Used for miscellaneous characters; it can vary by keyboard.  
Public Const VK\_OEM\_102                      As Long = &HE2      ' Either the angle bracket key or the backslash key on the RT 102-key keyboard  
Public Const VK\_PROCESSKEY                   As Long = &HE5      ' IME PROCESS key  
Public Const VK\_PACKET                       As Long = &HE7      ' Used to pass Unicode characters as if they were keystrokes. The VK\_PACKET key is the low word of a 32-bit Virtual Key value used for non-keyboard input methods. For more information, see Remark in KEYBDINPUT, SendInput, WM\_KEYDOWN, and WM\_KEYUP  
Public Const VK\_ATTN                         As Long = &HF6      ' Attn key  
Public Const VK\_CRSEL                        As Long = &HF7      ' CrSel key  
Public Const VK\_EXSEL                        As Long = &HF8      ' ExSel key  
Public Const VK\_EREOF                        As Long = &HF9      ' Erase EOF key  
Public Const VK\_PLAY                         As Long = &HFA      ' Play key  
Public Const VK\_ZOOM                         As Long = &HFB      ' Zoom key  
Public Const VK\_NONAME                       As Long = &HFC      ' Reserved  
Public Const VK\_PA1                          As Long = &HFD      ' PA1 key  
Public Const VK\_OEM\_CLEAR                    As Long = &HFE      ' Clear key

[Paul Margus](https://social.msdn.microsoft.com/profile/paul%20margus/)

2/11/2015

in c++

struct hhb\_vkey{  
char\* name;  
uint8\_t vkey;  
char\* description;  
};  
const hhb\_vkey hhb\_vkey\_list[] = {  
{ "VK\_LBUTTON", 0x01, "Left mouse button" },  
{ "VK\_RBUTTON", 0x02, "Right mouse button" },  
{ "VK\_CANCEL", 0x03, "Control-break processing" },  
{ "VK\_MBUTTON", 0x04, "Middle mouse button (three-button mouse)" },  
{ "VK\_XBUTTON1", 0x05, "X1 mouse button" },  
{ "VK\_XBUTTON2", 0x06, "X2 mouse button" },  
{ "-", 0x07, "Undefined" },  
{ "VK\_BACK", 0x08, "BACKSPACE key" },  
{ "VK\_TAB", 0x09, "TAB key" },  
//{ "-", 0x0A - 0B, "Reserved" },  
{ "VK\_CLEAR", 0x0C, "CLEAR key" },  
{ "VK\_RETURN", 0x0D, "ENTER key" },  
//{ "-", 0x0E - 0F, "Undefined" },  
{ "VK\_SHIFT", 0x10, "SHIFT key" },  
{ "VK\_CONTROL", 0x11, "CTRL key" },  
{ "VK\_MENU", 0x12, "ALT key" },  
{ "VK\_PAUSE", 0x13, "PAUSE key" },  
{ "VK\_CAPITAL", 0x14, "CAPS LOCK key" },  
{ "VK\_KANA", 0x15, "IME Kana mode" },  
{ "VK\_HANGUEL", 0x15, "IME Hanguel mode (maintained for compatibility; use VK\_HANGUL)" },  
{ "VK\_HANGUL", 0x15, "IME Hangul mode" },  
//{ "-", 0x16, "Undefined" },  
{ "VK\_JUNJA", 0x17, "IME Junja mode" },  
{ "VK\_FINAL", 0x18, "IME final mode" },  
{ "VK\_HANJA", 0x19, "IME Hanja mode" },  
{ "VK\_KANJI", 0x19, "IME Kanji mode" },  
//{ "-", 0x1A, "Undefined" },  
{ "VK\_ESCAPE", 0x1B, "ESC key" },  
{ "VK\_CONVERT", 0x1C, "IME convert" },  
{ "VK\_NONCONVERT", 0x1D, "IME nonconvert" },  
{ "VK\_ACCEPT", 0x1E, "IME accept" },  
{ "VK\_MODECHANGE", 0x1F, "IME mode change request" },  
{ "VK\_SPACE", 0x20, "SPACEBAR" },  
{ "VK\_PRIOR", 0x21, "PAGE UP key" },  
{ "VK\_NEXT", 0x22, "PAGE DOWN key" },  
{ "VK\_END", 0x23, "END key" },  
{ "VK\_HOME", 0x24, "HOME key" },  
{ "VK\_LEFT", 0x25, "LEFT ARROW key" },  
{ "VK\_UP", 0x26, "UP ARROW key" },  
{ "VK\_RIGHT", 0x27, "RIGHT ARROW key" },  
{ "VK\_DOWN", 0x28, "DOWN ARROW key" },  
{ "VK\_SELECT", 0x29, "SELECT key" },  
{ "VK\_PRINT", 0x2A, "PRINT key" },  
{ "VK\_EXECUTE", 0x2B, "EXECUTE key" },  
{ "VK\_SNAPSHOT", 0x2C, "PRINT SCREEN key" },  
{ "VK\_INSERT", 0x2D, "INS key" },  
{ "VK\_DELETE", 0x2E, "DEL key" },  
{ "VK\_HELP", 0x2F, "HELP key" },  
{ "0 key", 0x30, "0 key" },  
{ "1 key", 0x31, "1 key" },  
{ "2 key", 0x32, "2 key" },  
{ "3 key", 0x33, "3 key" },  
{ "4 key", 0x34, "4 key" },  
{ "5 key", 0x35, "5 key" },  
{ "6 key", 0x36, "6 key" },  
{ "7 key", 0x37, "7 key" },  
{ "8 key", 0x38, "8 key" },  
{ "9 key", 0x39, "9 key" },  
//{ "undefined", 0x3A - 40, "undefined" },  
{ "A key", 0x41, "A key" },  
{ "B key", 0x42, "B key" },  
{ "C key", 0x43, "C key" },  
{ "D key", 0x44, "D key" },  
{ "E key", 0x45, "E key" },  
{ "F key", 0x46, "F key" },  
{ "G key", 0x47, "G key" },  
{ "H key", 0x48, "H key" },  
{ "I key", 0x49, "I key" },  
{ "J key", 0x4A, "J key" },  
{ "K key", 0x4B, "K key" },  
{ "L key", 0x4C, "L key" },  
{ "M key", 0x4D, "M key" },  
{ "N key", 0x4E, "N key" },  
{ "O key", 0x4F, "O key" },  
{ "P key", 0x50, "P key" },  
{ "Q key", 0x51, "Q key" },  
{ "R key", 0x52, "R key" },  
{ "S key", 0x53, "S key" },  
{ "T key", 0x54, "T key" },  
{ "U key", 0x55, "U key" },  
{ "V key", 0x56, "V key" },  
{ "W key", 0x57, "W key" },  
{ "X key", 0x58, "X key" },  
{ "Y key", 0x59, "Y key" },  
{ "Z key", 0x5A, "Z key" },  
{ "VK\_LWIN", 0x5B, "Left Windows key (Natural keyboard)" },  
{ "VK\_RWIN", 0x5C, "Right Windows key (Natural keyboard)" },  
{ "VK\_APPS", 0x5D, "Applications key (Natural keyboard)" },  
//{ "-", 0x5E, "Reserved" },  
{ "VK\_SLEEP", 0x5F, "Computer Sleep key" },  
{ "VK\_NUMPAD0", 0x60, "Numeric keypad 0 key" },  
{ "VK\_NUMPAD1", 0x61, "Numeric keypad 1 key" },  
{ "VK\_NUMPAD2", 0x62, "Numeric keypad 2 key" },  
{ "VK\_NUMPAD3", 0x63, "Numeric keypad 3 key" },  
{ "VK\_NUMPAD4", 0x64, "Numeric keypad 4 key" },  
{ "VK\_NUMPAD5", 0x65, "Numeric keypad 5 key" },  
{ "VK\_NUMPAD6", 0x66, "Numeric keypad 6 key" },  
{ "VK\_NUMPAD7", 0x67, "Numeric keypad 7 key" },  
{ "VK\_NUMPAD8", 0x68, "Numeric keypad 8 key" },  
{ "VK\_NUMPAD9", 0x69, "Numeric keypad 9 key" },  
{ "VK\_MULTIPLY", 0x6A, "Multiply key" },  
{ "VK\_ADD", 0x6B, "Add key" },  
{ "VK\_SEPARATOR", 0x6C, "Separator key" },  
{ "VK\_SUBTRACT", 0x6D, "Subtract key" },  
{ "VK\_DECIMAL", 0x6E, "Decimal key" },  
{ "VK\_DIVIDE", 0x6F, "Divide key" },  
{ "VK\_F1", 0x70, "F1 key" },  
{ "VK\_F2", 0x71, "F2 key" },  
{ "VK\_F3", 0x72, "F3 key" },  
{ "VK\_F4", 0x73, "F4 key" },  
{ "VK\_F5", 0x74, "F5 key" },  
{ "VK\_F6", 0x75, "F6 key" },  
{ "VK\_F7", 0x76, "F7 key" },  
{ "VK\_F8", 0x77, "F8 key" },  
{ "VK\_F9", 0x78, "F9 key" },  
{ "VK\_F10", 0x79, "F10 key" },  
{ "VK\_F11", 0x7A, "F11 key" },  
{ "VK\_F12", 0x7B, "F12 key" },  
{ "VK\_F13", 0x7C, "F13 key" },  
{ "VK\_F14", 0x7D, "F14 key" },  
{ "VK\_F15", 0x7E, "F15 key" },  
{ "VK\_F16", 0x7F, "F16 key" },  
{ "VK\_F17", 0x80, "F17 key" },  
{ "VK\_F18", 0x81, "F18 key" },  
{ "VK\_F19", 0x82, "F19 key" },  
{ "VK\_F20", 0x83, "F20 key" },  
{ "VK\_F21", 0x84, "F21 key" },  
{ "VK\_F22", 0x85, "F22 key" },  
{ "VK\_F23", 0x86, "F23 key" },  
{ "VK\_F24", 0x87, "F24 key" },  
//{ "-", 0x88 - 8F, "Unassigned" },  
{ "VK\_NUMLOCK", 0x90, "NUM LOCK key" },  
{ "VK\_SCROLL", 0x91, "SCROLL LOCK key" },  
//{ "-", 0x88 - 8F, "Unassigned" },  
{ "VK\_NUMLOCK", 0x90, "NUM LOCK key" },  
{ "VK\_SCROLL", 0x91, "SCROLL LOCK key" },  
//{"-", 0x92-96,"OEM specific"},  
//{ "-", 0x97 - 9F, "Unassigned" },  
{ "VK\_LSHIFT", 0xA0, "Left SHIFT key" },  
{ "VK\_RSHIFT", 0xA1, "Right SHIFT key" },  
{ "VK\_LCONTROL", 0xA2, "Left CONTROL key" },  
{ "VK\_RCONTROL", 0xA3, "Right CONTROL key" },  
{ "VK\_LMENU", 0xA4, "Left MENU key" },  
{ "VK\_RMENU", 0xA5, "Right MENU key" },  
{ "VK\_BROWSER\_BACK", 0xA6, "Browser Back key" },  
{ "VK\_BROWSER\_FORWARD", 0xA7, "Browser Forward key" },  
{ "VK\_BROWSER\_REFRESH", 0xA8, "Browser Refresh key" },  
{ "VK\_BROWSER\_STOP", 0xA9, "Browser Stop key" },  
{ "VK\_BROWSER\_SEARCH", 0xAA, "Browser Search key" },  
{ "VK\_BROWSER\_FAVORITES", 0xAB, "Browser Favorites key" },  
{ "VK\_BROWSER\_HOME", 0xAC, "Browser Start and Home key" },  
{ "VK\_VOLUME\_MUTE", 0xAD, "Volume Mute key" },  
{ "VK\_VOLUME\_DOWN", 0xAE, "Volume Down key" },  
{ "VK\_VOLUME\_UP", 0xAF, "Volume Up key" },  
{ "VK\_MEDIA\_NEXT\_TRACK", 0xB0, "Next Track key" },  
{ "VK\_MEDIA\_PREV\_TRACK", 0xB1, "Previous Track key" },  
{ "VK\_MEDIA\_STOP", 0xB2, "Stop Media key" },  
{ "VK\_MEDIA\_PLAY\_PAUSE", 0xB3, "Play/Pause Media key" },  
{ "VK\_LAUNCH\_MAIL", 0xB4, "Start Mail key" },  
{ "VK\_LAUNCH\_MEDIA\_SELECT", 0xB5, "Select Media key" },  
{ "VK\_LAUNCH\_APP1", 0xB6, "Start Application 1 key" },  
{ "VK\_LAUNCH\_APP2", 0xB7, "Start Application 2 key" },  
//{ "-", 0xB8 - B9, "Reserved" },  
{ "VK\_OEM\_1", 0xBA, "Used for miscellaneous characters; it can vary by keyboard. For the US standard keyboard, the \';:\' key VK\_OEM\_PLUS" },  
{"VK\_OEM\_PLUS", 0xBB, "For any country/region, the \'+\' key"},  
{ "VK\_OEM\_COMMA", 0xBC, "For any country/region, the \',\' key" },  
{ "VK\_OEM\_MINUS", 0xBD, "For any country/region, the \'-\' key" },  
{ "VK\_OEM\_PERIOD", 0xBE, "For any country/region, the \'.\' key" },  
{ "VK\_OEM\_2", 0xBF, "Used for miscellaneous characters; it can vary by keyboard. For the US standard keyboard, the \'/?\' key" },  
{ "VK\_OEM\_3", 0xC0, "Used for miscellaneous characters; it can vary by keyboard. For the US standard keyboard, the \'`~\' key" },  
//{ "-", 0xC1 - D7, "Reserved" },  
//{ "-", 0xD8 - DA, "Unassigned" },  
{ "VK\_OEM\_4", 0xDB, "Used for miscellaneous characters; it can vary by keyboard. For the US standard keyboard, the \'[{\' key" },  
{ "VK\_OEM\_5", 0xDC, "Used for miscellaneous characters; it can vary by keyboard. For the US standard keyboard, the \'\\|\' key" },  
{ "VK\_OEM\_6", 0xDD, "Used for miscellaneous characters; it can vary by keyboard. For the US standard keyboard, the \']}\' key" },  
{ "VK\_OEM\_7", 0xDE, "Used for miscellaneous characters; it can vary by keyboard. For the US standard keyboard, the \'single-quote/double-quote\' key" },  
{ "VK\_OEM\_8", 0xDF, "Used for miscellaneous characters; it can vary by keyboard." },  
//{ "-", 0xE0, "Reserved" },  
//{ "-", 0xE1, "OEM specific" },  
{ "VK\_OEM\_102", 0xE2, "Either the angle bracket key or the backslash key on the RT 102-key keyboard" },  
//{ "-", 0xE3 - E4, "OEM specific" },  
{ "VK\_PROCESSKEY", 0xE5, "IME PROCESS key" },  
//{ "-", 0xE6, "OEM specific" },  
{ "VK\_PACKET", 0xE7, "Used to pass Unicode characters as if they were keystrokes. The VK\_PACKET key is the low word of a 32-bit Virtual Key value used for non-keyboard input methods. For more information, see Remark in KEYBDINPUT, SendInput, WM\_KEYDOWN, and WM\_KEYUP" },  
//{ "-", 0xE8, "Unassigned" },  
//  {"-",0xE6,"OEM specific"},  
    {"VK\_PACKET",0xE7,"Used to pass Unicode characters as if they were keystrokes. The VK\_PACKET key is the low word of a 32-bit Virtual Key value used for non-keyboard input methods. For more information, see Remark in KEYBDINPUT, SendInput, WM\_KEYDOWN, and WM\_KEYUP"},  
//  {"-",0xE8,"Unassigned"},  
//{ "-", 0xE9 - F5, "OEM specific" },  
{ "VK\_ATTN", 0xF6, "Attn key" },  
{ "VK\_CRSEL", 0xF7, "CrSel key" },  
{ "VK\_EXSEL", 0xF8, "ExSel key" },  
{ "VK\_EREOF", 0xF9, "Erase EOF key" },  
{ "VK\_PLAY", 0xFA, "Play key" },  
{ "VK\_ZOOM", 0xFB, "Zoom key" },  
{ "VK\_NONAME", 0xFC, "Reserved" },  
{ "VK\_PA1", 0xFD, "PA1 key" },  
{ "VK\_OEM\_CLEAR", 0xFE, "Clear key" }  
  
};

[hans henrik](https://social.msdn.microsoft.com/profile/hans%20henrik/)

1/13/2015

Remark !

Notice that key codes for letters and numbers directly correspond to ascii codes (in case of letters, capitals). For example to detect z key this is allowed:

if(GetAsyncKeyState('Z'))

[szpaq234](https://social.msdn.microsoft.com/profile/szpaq234/)

12/1/2014

Re: Virtual Key Code of one keyboard key

Dejvos,

key code of '=+' is VK\_OEM\_PLUS

Thanks,

Phil

[Phil Beber [MSFT]](https://social.msdn.microsoft.com/profile/phil%20beber%20%5Bmsft%5D/)

9/10/2014

Virtual Key Code of one keyboard key

Hi, I just want to ask what Key Code is key: '=+' because I´m CZE i need it to make diacritics. THX

[Dejvos](https://social.msdn.microsoft.com/profile/dejvos/)

8/25/2014

Strange naming

Alt key is named VK\_MENU (VK\_LMENU, VK\_RMENU), and Menu key is VK\_APPS. PgUp is VK\_PRIOR etc...

[Дики Мо](https://social.msdn.microsoft.com/profile/%D0%B4%D0%B8%D0%BA%D0%B8%20%D0%BC%D0%BE/)

11/16/2013

For managed code, you can convert the wParam to a Keys (Enum)

For managed code, you can do this

(Keys)wParam.ToInt32()

So that it can be easily used in a switch statement.

Example:

switch ((Keys)wParam.ToInt32())  
{  
case Keys.Left:  
// LEFT ARROW KEY  
break;  
}