tscscan.txt

first column is scan code (OUT), second column the unshifted char (IN) or VKEY  
lookup is done by counting lines started with 0 ignoring comment lines

Press TAB key makes 0x09, there is no entry in tscshift, so go to line 9 in tscscan, the char found is 0x09, the scancode 0x0f

Press A key makes 0x61 (lower a), lookup in tscshift and find 0x61->0x41 without shift flag, then lookup tscscan see line 65 (0x41) and find scancode is 0x1e

Pressing Shift+A makes char 0x41 (capital A), shift flag is set. Lookup in tscshift, this will give 0x41 plus Shift flag

|  |  |
| --- | --- |
| TSCSCAN.txt | TSCSHIFT.txt |
| // Scan Code Expected unshifted char 0x00 0x00 // 0x00 0x00 0x00 // 0x01 0x00 0x00 // 0x02 0x00 0x00 // 0x03 0x00 0x00 // 0x04 0x00 0x00 // 0x05 0x00 0x00 // 0x06 0x00 0x00 // 0x07 0x0e 0x00 // 0x08 - VK\_BACK **0x0f 0x09 // 0x09 - VK\_TAB** 0x00 0x00 // 0x0a 0x00 0x00 // 0x0b 0x53 0x00 // 0x0c - VK\_CLEAR (DELETE) 0x1c 0x0D // 0x0d - VK\_RETURN 0x00 0x00 // 0x0e 0x00 0x00 // 0x0f 0x2a 0x00 // 0x10 - VK\_SHIFT (LEFT SHIFT) 0x1d 0x00 // 0x11 - VK\_CONTROL 0x38 0x00 // 0x12 - VK\_MENU 0x45 0x00 // 0x13 - VK\_PAUSE 0x3a 0x00 // 0x14 - VK\_CAPITAL 0x00 0x00 // 0x15 0x00 0x00 // 0x16 0x00 0x00 // 0x17 0x00 0x00 // 0x18 0x00 0x00 // 0x19 0x00 0x00 // 0x1a 0x01 0x1B // 0x1b - VK\_ESCAPE ... **0x1e 0x61 // 0x41 - VK\_A** | 0x21 0x31 1 0x40 0x32 1 0x23 0x33 1 0x24 0x34 1 0x25 0x35 1 0x5e 0x36 1 0x26 0x37 1 0x2a 0x38 1 ... **0x61 0x41 0** ... **0x41 0x41 1** ... |

Press key, lookup char in tscshift.txt. If found, lookup line in tscscan.txt with scancode