

VB6 – USBHID. Reading Data from USB HID Keyboard Device.

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Allo!

I am attempting to view data sent to my computer via my keyboard (To control the extra multimedia functions [e.g. volume control] because it doesn't seem to do anything. [Not the reason for this question])

Ho'kay, I'm am using Visual Basic 6.0 on a Windows Vista PC.

Basically, what I will try to end up doing, is when I use the functions, it'll control Winamp, I already have code for controlling Winamp though, but can't quite seem to get the keyboard data.

My current code, goes thusly;

* Module1

```
1 Public Type SECURITY_ATTRIBUTES
2 nLength As Long
3 lpSecurityDescriptor As Long
4 bInheritHandle As Long
5 End Type
6
7 Public Type OVERLAPPED
8 Internal As Long
9 InternalHigh As Long
10 offset As Long
11 OffsetHigh As Long
12 hEvent As Long
13 End Type
14
15 Public Const GENERIC_READ = &H80000000
16 Public Const GENERIC_WRITE = &H
17 Public Const OPEN_EXISTING = 34000000
```

* Form1

```
1 Dim longbuffer As Long
2 Dim HidName$
```

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```
3 Dim result
4 Dim OverLap As OVERLAPPED
5
6 Private Sub Form_Load()
7 Dim Security As SECURITY_ATTRIBUTES
8 Security.nLength = 12&
9 Security.lpSecurityDescriptor = 0&
10 Security.bInheritHandle = False
11 Text1.Text = ""
12 Timer1.Interval = 1
13 HidName$ =
14 result = CreateFile( _
15 HidName$, _
16 GENERIC_READ, _
17 0, _
18 Security, _
19 OPEN_EXISTING, _
20 0, _
21 0)
22 End Sub
23
24 Private Sub Timer1_Timer()
25 Dim feedme As String
26 feedme = ReadFile(result, 1, 1, 0, OverLap)
27 If feedme <> 0 Then Text1.Text = Text1.Text & feedme
28 End Sub
```

I think I got the 'HidName\$' variable right, I've never attempted this before.
Hope someone can help me with this and I thank you all in advance!