

Disclaimer:

I am NOT the owner of these codes, the original thread is this one:  
<http://www.devasp.net/net/articles/display/490.html>

I just copied the code to be easier to follow/have/read/understand.

Credits to the author!

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Create a new vb.net application and drag the following control on the form:

- 40 buttons
- 4 labels
- 2 numeric up down control
- 1 timer control

Import the following:

```
Imports System.Runtime.InteropServices
```

Before start working with events declare the following global variables:

```
Private i As Integer = 0  
Private checkSMB As Boolean = False
```

Declare the following api to interact with mouse

```
Declare Function SwapMouseButton Lib "user32.dll" _  
Alias "SwapMouseButton" (ByVal bSwap As Integer) As Integer
```

```
Declare Function GetDoubleClickTime Lib "user32.dll" _  
Alias "GetDoubleClickTime" () As Integer
```

```
Declare Function SetDoubleClickTime Lib "user32.dll" _  
Alias "SetDoubleClickTime" (ByVal uInterval As Integer) As Boolean
```

Now write the following code on swap button click event:

```
Private Sub Button1_Click(ByVal sender As System.Object, ByVal e As  
System.EventArgs) Handles Button1.Click  
    SwapMouseButton(1)  
    MsgBox("Mouse Button Swap Press Right Click to OK",  
    MsgBoxStyle.Information, "All About Mouse")  
End Sub
```

Write the following code on reset button click event:

```
Private Sub Button2_Click(ByVal sender As System.Object, ByVal e As  
System.EventArgs) Handles Button2.Click  
    SwapMouseButton(0)  
    MsgBox("Mouse Button Reset Press Left Click to OK",  
    MsgBoxStyle.Information, "All About Mouse")  
End Sub
```

Write the following code on the form mouse move event to capture the mouse pointer position:

```
Private Sub Form1_MouseMove(ByVal sender As Object, ByVal e As  
System.Windows.Forms.MouseEventArgs) Handles MyBase.MouseMove
```

```

        Label4.Text = e.X
        Label3.Text = e.Y
    End Sub

```

Write the following code on the form mouse Wheel event to get information that in which direction the mouse wheel move:

```

Private Sub Form1_MouseWheel(ByVal sender As Object, ByVal e As
System.Windows.Forms.MouseEventArgs) Handles MyBase.MouseWheel
    If e.Delta < 0 Then
        Button6.Enabled = True
        Button7.Enabled = False
    End If
    If e.Delta > 0 Then
        Button7.Enabled = True
        Button6.Enabled = False
    End If
End Sub

```

Write the from1 mouse down and from1 mouse up event to get information that which mouse button is pressed:

```

Private Sub Form1_MouseDown(ByVal sender As Object, ByVal e As
System.Windows.Forms.MouseEventArgs) Handles MyBase.MouseDown
    If e.Button = MouseButton.Left Then
        Button5.Enabled = True
    ElseIf e.Button = MouseButton.Right Then
        Button3.Enabled = True
    ElseIf e.Button = MouseButton.Middle Then
        Button4.Enabled = True
    End If
End Sub

```

```

Private Sub Form1_MouseUp(ByVal sender As Object, ByVal e As
System.Windows.Forms.MouseEventArgs) Handles MyBase.MouseUp
    If e.Button = MouseButton.Left Then
        Button5.Enabled = False
    ElseIf e.Button = MouseButton.Right Then
        Button3.Enabled = False
    ElseIf e.Button = MouseButton.Middle Then
        Button4.Enabled = False
    End If
End Sub

```

Write the following coed on get button click event to get the mouse double click time:

```

Private Sub Button41_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button41.Click
    NumericUpDown2.Text = (GetDoubleClickTime())
End Sub

```

Write the following code on Set button click event to set the mouse double click time:

```
Private Sub Button40_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button40.Click
    SetDoubleClickTime(NumericUpDown1.Text)
End Sub
```

Now write the following code on Hide button click event to hide the mouse button on the form:

```
Private Sub Button8_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button8.Click
    System.Windows.Forms.Cursor.Hide()
End Sub
```

Now write the following code on show button click event to show the mouse button on the form:

```
Private Sub Button9_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button9.Click
    System.Windows.Forms.Cursor.Show()
End Sub
```

Double click on the timer control and write the following code on timer tick event to give some animation to mouse:

```
Private Sub Timer1_Tick(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Timer1.Tick
    If i = 0 Then
        GroupBox1.Cursor = System.Windows.Forms.Cursors.PanNorth
        i = 1
    ElseIf i = 1 Then
        GroupBox1.Cursor = System.Windows.Forms.Cursors.PanNE
        i = 2
    ElseIf i = 2 Then
        GroupBox1.Cursor = System.Windows.Forms.Cursors.PanEast
        i = 3
    ElseIf i = 3 Then
        GroupBox1.Cursor = System.Windows.Forms.Cursors.PanSE
        i = 4
    ElseIf i = 4 Then
        GroupBox1.Cursor = System.Windows.Forms.Cursors.PanSouth
        i = 5
    ElseIf i = 5 Then
        GroupBox1.Cursor = System.Windows.Forms.Cursors.PanSW
        i = 6
    ElseIf i = 6 Then
        GroupBox1.Cursor = System.Windows.Forms.Cursors.PanWest
        i = 0
    End If
End Sub
```

On start button click event write the following code

```
Private Sub Button37_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button37.Click
    Timer1.Enabled = True
End Sub
```

On stop button click event write the following code

```
Private Sub Button38_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button38.Click
    Timer1.Enabled = False
    GroupBox1.Cursor = System.Windows.Forms.Cursors.Default
End Sub
```

Now how to change the mouse cursor, VB.net includes following cursors

ARROW	CROSS	DEFAULT
HAND	HELP	HSPLIT
IBEAM	NO	NOMOVE2D
NOMOVEHORIZ	NOMOVEVET	PANEAST
PANNE	PANNORTH	PANNW
PANSE	PANSOUTH	PANSW
PANWEST	SIZEALL	SIZENESW
SIZENS	SIZENWSE	SIZEWE
UPARROW	VSPLIT	WAITCURSOR

Now write the following code on ARROW button click event

```
Private Sub Button10_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button10.Click
    GroupBox1.Cursor = System.Windows.Forms.Cursors.Arrow
End Sub
```

Now write the following code on CROSS click event

```
Private Sub Button11_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button11.Click
    GroupBox1.Cursor = System.Windows.Forms.Cursors.Cross
End Sub
```

Now write the following code on DEFAULT click event

```
Private Sub Button12_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button12.Click
    GroupBox1.Cursor = System.Windows.Forms.Cursors.Default
End Sub
```

Now write the following code on HAND click event

```
Private Sub Button13_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button13.Click
    GroupBox1.Cursor = System.Windows.Forms.Cursors.Hand
End Sub
```

Now write the following code on HELP click event

```
Private Sub Button19_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button19.Click
    GroupBox1.Cursor = System.Windows.Forms.Cursors.Help
End Sub
```

Now write the following code on HSPLIT click event

```
Private Sub Button16_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button16.Click
    GroupBox1.Cursor = System.Windows.Forms.Cursors.HSplit
End Sub
```

Now write the following code on IBEAM click event

```
Private Sub Button15_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button15.Click
    GroupBox1.Cursor = System.Windows.Forms.Cursors.IBeam
End Sub
```

Now write the following code on NO click event

```
Private Sub Button14_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button14.Click
    GroupBox1.Cursor = System.Windows.Forms.Cursors.No
End Sub
```

Now write the following code on NOMOVE2D click event

```
Private Sub Button17_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button17.Click
    GroupBox1.Cursor = System.Windows.Forms.Cursors.NoMove2D
End Sub
```

Now write the following code on NOMOVEHORIZ click event

```
Private Sub Button18_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button18.Click
    GroupBox1.Cursor = System.Windows.Forms.Cursors.NoMoveHoriz
End Sub
```

Now write the following code on NOMOVEVET click event

```
Private Sub Button28_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button28.Click
    GroupBox1.Cursor = System.Windows.Forms.Cursors.NoMoveVert
End Sub
```

Now write the following code on PANEAST click event

```
Private Sub Button27_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button27.Click
    GroupBox1.Cursor = System.Windows.Forms.Cursors.PanEast
End Sub
```

Now write the following code on PANNE click event

```
Private Sub Button26_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button26.Click
    GroupBox1.Cursor = System.Windows.Forms.Cursors.PanNE
End Sub
```

Now write the following code on PANNORTH click event

```
Private Sub Button29_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button29.Click
    GroupBox1.Cursor = System.Windows.Forms.Cursors.PanNorth
End Sub
```

Now write the following code on PANNW click event

```
Private Sub Button21_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button21.Click
    GroupBox1.Cursor = System.Windows.Forms.Cursors.PanNW
End Sub
```

Now write the following code on PANSE click event

```
Private Sub Button24_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button24.Click
    GroupBox1.Cursor = System.Windows.Forms.Cursors.PanSE
End Sub
```

Now write the following code on PANSOUTH click event

```
Private Sub Button23_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button23.Click
    GroupBox1.Cursor = System.Windows.Forms.Cursors.PanSouth
End Sub
```

Now write the following code on PANSW click event

```
Private Sub Button22_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button22.Click
    GroupBox1.Cursor = System.Windows.Forms.Cursors.PanSW
End Sub
```

Now write the following code on PANWEST click event

```
Private Sub Button25_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button25.Click
    GroupBox1.Cursor = System.Windows.Forms.Cursors.PanWest
End Sub
```

Now write the following code on SIZEALL click event

```
Private Sub Button20_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button20.Click
    GroupBox1.Cursor = System.Windows.Forms.Cursors.SizeAll
End Sub
```

Now write the following code on SIZENESW click event

```
Private Sub Button33_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button33.Click
    GroupBox1.Cursor = System.Windows.Forms.Cursors.SizeNESW
End Sub
```

Now write the following code on SIZENS click event

```
Private Sub Button32_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button32.Click
    GroupBox1.Cursor = System.Windows.Forms.Cursors.SizeNS
End Sub
```

Now write the following code on SIZENWSE click event

```
Private Sub Button31_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button31.Click
    GroupBox1.Cursor = System.Windows.Forms.Cursors.SizeNWSE
End Sub
```

Now write the following code on SIZEWE click event

```
Private Sub Button34_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button34.Click
    GroupBox1.Cursor = System.Windows.Forms.Cursors.SizeWE
End Sub
```

Now write the following code on UPARROW click event

```
Private Sub Button30_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button30.Click
    GroupBox1.Cursor = System.Windows.Forms.Cursors.UpArrow
End Sub
```

Now write the following code on VSPLIT click event

```
Private Sub Button36_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button36.Click
    GroupBox1.Cursor = System.Windows.Forms.Cursors.VSplit
End Sub
```

Now write the following code on WAITCURSOR click event

```
Private Sub Button35_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button35.Click
    GroupBox1.Cursor = System.Windows.Forms.Cursors.WaitCursor
End Sub
```