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Imports System.Net.Sockets
Imports System.Net
Imports System.Text
Public Class Form1
    Dim i As Int32
    Dim stream As NetworkStream

    Dim povel As String = Nothing
    Dim server As TcpListener
    Dim bytes(1024) As Byte

    Dim port As Int32 = 32340
    Dim localAddr As IPAddress = IPAddress.Parse("192.168.1.116")
    Private Sub Label3_Click(ByVal sender As System.Object, ByVal e As System.EventArgs)
        Handles Label3.Click
            Sroluj()
    End Sub
    Private Sub Sroluj()
        If Label3.Text = "Ukaž méně ..." Then
            Me.Height = 155
            Label3.Text = "Ukaž více ..."
            Label3.Cursor = Cursors.Hand
        Else
            Me.Height = 310
            Label3.Text = "Ukaž méně ..."
            Label3.Cursor = Cursors.Hand
        End If
    End Sub
    Private Sub detekuj_povel()
        If povel = "Zap1" Then
            Label4.BackColor = Color.Blue
        End If
        If povel = "Zap2" Then
            Label5.BackColor = Color.Blue
        End If
        If povel = "Zap3" Then
            Label6.BackColor = Color.Blue
        End If
        If povel = "Zap4" Then
            Label7.BackColor = Color.Blue
        End If
        If povel = "Vyp1" Then
            Label4.BackColor = Color.Red
        End If
        If povel = "Vyp2" Then
            Label5.BackColor = Color.Red
        End If
        If povel = "Vyp3" Then
            Label6.BackColor = Color.Red
        End If
        If povel = "Vyp4" Then
            Label7.BackColor = Color.Red
        End If
    End Sub
    Private Sub Button1_Click(ByVal sender As System.Object, ByVal e As System.EventArgs)
        Handles Button1.Click
            Sroluj()
            Label3.Text = ""
            localAddr = IPAddress.Parse(TextBox1.Text)
            port = Val(TextBox2.Text)
            server = New TcpListener(localAddr, port)
            Timer1.Enabled = True
        End Sub
    Private Sub Button2_Click(ByVal sender As System.Object, ByVal e As System.EventArgs)
        Handles Button2.Click
            Timer1.Enabled = False
        End Sub
    Private Sub Start_naslouchace()
        server.Start()
        Dim client As TcpClient = server.AcceptTcpClient()
        Dim stream As NetworkStream = client.GetStream()
        i = stream.Read(bytes, 0, bytes.Length)
        While (i <> 0)
            ' Převod bytes na ASCII string, detekuj povel (a proved' ho, tj. obarvi ovál).

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        povel = System.Text.Encoding.ASCII.GetString(bytes, 0, i)
        detekuj_povel()
        i = stream.Read(bytes, 0, bytes.Length)
    End While
    server.Stop()
End Sub

Private Sub Timer1_Tick(ByVal sender As System.Object, ByVal e As System.EventArgs)
Handles Timer1.Tick
    Start_naslouchace()
End Sub
End Class
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