

Forum:[Hack Forums](#)

Thread: [Image from client as strings \[Resolved\]](#)

Dark N3BULA - January 13, 2015, 10:56 am

So the solution is as follows.

```
Code Imports System.IO
Imports System.Drawing.Imaging
Public Class MainForm
    Dim encodeType As ImageFormat = ImageFormat.Jpeg
    Dim decodingString As String = String.Empty
```

```
    Private Sub MainForm_Load(sender As System.Object, e As System.EventArgs) Handles
MyBase.Load
```

```
End Sub
```

```
    Private Sub btnOpen_Click(sender As System.Object, e As System.EventArgs) Handles
btnOpen.Click
```

```
        Dim newOpenFileDialog As New OpenFileDialog()
        newOpenFileDialog.Filter = "Images(*.jpg;*.png;*.gif;*.bmp)|*.jpg;*.png;*.gif;*.bmp"
        If newOpenFileDialog.ShowDialog() = Windows.Forms.DialogResult.OK Then
            txtPath.Text = newOpenFileDialog.FileName
            pbPreview.ImageLocation = txtPath.Text
        End If
    End Sub
```

```
    Private Sub btnImagetoBase64_Click(sender As System.Object, e As System.EventArgs)
Handles btnImagetoBase64.Click
```

```
        txtSourceCode.Clear()
        Dim encodingTypeString As String = String.Empty
        If pbPreview.ImageLocation.ToLower.EndsWith(".jpg") Then
            encodeType = ImageFormat.Jpeg
            encodingTypeString = "data:image/jpeg;base64,"
        ElseIf pbPreview.ImageLocation.ToLower.EndsWith(".png") Then
            encodeType = ImageFormat.Png
            encodingTypeString = "data:image/png;base64,"
        ElseIf pbPreview.ImageLocation.ToLower.EndsWith(".gif") Then
            encodeType = ImageFormat.Gif
            encodingTypeString = "data:image/gif;base64,"
        ElseIf pbPreview.ImageLocation.ToLower.EndsWith(".bmp") Then
            encodeType = ImageFormat.Bmp
            encodingTypeString = "data:image/bmp;base64,"
        End If
        decodingString = encodingTypeString
        txtSourceCode.Text = encodingTypeString & ImageToBase64(pbPreview.Image, encodeType)
        pbPreview.Image = Nothing
    End Sub
```

```

Public Function ImageToBase64(ByVal image As Image, ByVal format As ImageFormat) As
String
    Using ms As New MemoryStream()
        image.Save(ms, format)
        Dim imageBytes As Byte() = ms.ToArray()
        Dim base64String As String = Convert.ToBase64String(imageBytes)
        Return base64String
    End Using
End Function

```

```

Private Sub btnBase64ToImage_Click(sender As System.Object, e As System.EventArgs)
Handles btnBase64ToImage.Click
    txtSourceCode.Text = txtSourceCode.Text.Replace(decodingString, "")
    pbPreview.Image = Base64ToImage(txtSourceCode.Text)
End Sub

```

```

Public Function Base64ToImage(ByVal base64Code As String) As Image
    Dim imageBytes As Byte() = Convert.FromBase64String(base64Code)
    Dim ms As New MemoryStream(imageBytes, 0, imageBytes.Length)
    Dim tmpImage As Image = Image.FromStream(ms, True)
    Return tmpImage
End Function

```

End Class

thanks to everyone who replied!?

Only3 - January 13, 2015, 11:07 am

no it doesnt <https://hackforums.net/showthread.php?tid=4576866t>

Dark N3BULA - January 13, 2015, 11:12 am

(Jan 13, 2015 12:07 PM)Only3 Wrote: [\[CITE\]](#) no it doesnt
<https://hackforums.net/showthread.php?tid=4576866t>

Im not actually trying to make a RDV mate, im sure theres an simpler way. Im using async read the incoming stream which makes it slightly tricky other.

Only3 - January 13, 2015, 11:18 am

image bytes > base 64 > send > image bytes

Hawk HF - January 13, 2015, 11:33 am

(Jan 13, 2015 12:18 PM)Only3 Wrote: [\[CITE\]](#) image bytes > base 64 > send > image bytes
This.

Take a look at [this thread](#).

It should be exactly what you're looking for.

Dark N3BULA - January 13, 2015, 11:41 am

(Jan 13, 2015 12:33 PM)Hawk HF Wrote: [\[CITE\]](#) This.

Take a look at [this thread](#).

It should be exactly what you're looking for.

Bang? Bang?

Spot on bro. Can finally get some sleep. Much appreciated

Ninja - *January 13, 2015, 1:01 pm*

Convert to base64 then send then convert to image again.