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Thread: [\[VB.NET\]Resize image to fit in picturebox](#)

codepoet - May 1, 2010, 9:01 pm

originally posted on dotnet-snippets.com

Description:

Automatically resize an image so it shows ok in the picturebox on your form. It doesn't change the actual image.

Code Public Sub AutosizeImage(ByVal ImagePath As String, ByVal picBox As PictureBox, Optional ByVal pSizeMode As PictureBoxSizeMode = PictureBoxSizeMode.CenterImage)

```
Try
    picBox.Image = Nothing
    picBox.SizeMode = pSizeMode
    If System.IO.File.Exists(ImagePath) Then
        Dim imgOrg As Bitmap
        Dim imgShow As Bitmap
        Dim g As Graphics
        Dim divideBy, divideByH, divideByW As Double
        imgOrg = DirectCast(Bitmap.FromFile(ImagePath), Bitmap)

        divideByW = imgOrg.Width / picBox.Width
        divideByH = imgOrg.Height / picBox.Height
        If divideByW > 1 Or divideByH > 1 Then
            If divideByW > divideByH Then
                divideBy = divideByW
            Else
                divideBy = divideByH
            End If

            imgShow = New Bitmap(CInt(CDbl(imgOrg.Width) / divideBy),
CInt(CDbl(imgOrg.Height) / divideBy))
            imgShow.SetResolution(imgOrg.HorizontalResolution, imgOrg.VerticalResolution)
            g = Graphics.FromImage(imgShow)
            g.InterpolationMode = Drawing2D.InterpolationMode.HighQualityBicubic
            g.DrawImage(imgOrg, New Rectangle(0, 0, CInt(CDbl(imgOrg.Width) / divideBy),
CInt(CDbl(imgOrg.Height) / divideBy)), 0, 0, imgOrg.Width, imgOrg.Height, GraphicsUnit.Pixel)
            g.Dispose()
        Else
            imgShow = New Bitmap(imgOrg.Width, imgOrg.Height)
            imgShow.SetResolution(imgOrg.HorizontalResolution, imgOrg.VerticalResolution)
            g = Graphics.FromImage(imgShow)
            g.InterpolationMode = Drawing2D.InterpolationMode.HighQualityBicubic
            g.DrawImage(imgOrg, New Rectangle(0, 0, imgOrg.Width, imgOrg.Height), 0, 0,
imgOrg.Width, imgOrg.Height, GraphicsUnit.Pixel)
            g.Dispose()
        End If
    End If
End Sub
```

```
End If
imgOrg.Dispose()

picBox.Image = imgShow
Else
picBox.Image = Nothing
End If
```

```
Catch ex As Exception
MsgBox(ex.ToString)
End Try
```

```
End Sub
```

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Zer0Fact0r - May 1, 2010, 9:03 pm

Lol or you could set the PictureBox's SizeMode to Zoom.

codepoet - May 1, 2010, 9:06 pm

(May 1, 2010 09:03 PM)Zer0Fact0r Wrote: [\[CITE\]](#) Lol or you could set the PictureBox's SizeMode to Zoom.

no comment...considering your post count.

DeadCode - May 1, 2010, 11:54 pm

(May 1, 2010 09:03 PM)Zer0Fact0r Wrote: [\[CITE\]](#) Lol or you could set the PictureBox's SizeMode to Zoom.

This is correct.

Dragon Hawk - May 2, 2010, 12:06 am

(May 1, 2010 09:03 PM)Zer0Fact0r Wrote: [\[CITE\]](#) Lol or you could set the PictureBox's SizeMode to Zoom.

but some time it doesnt works it has happened to me

thanks crow

?BlueAce™ - May 2, 2010, 12:07 am

(May 1, 2010 09:06 PM)crow407 Wrote: [\[CITE\]](#) no comment...considering your post count.

why.. what he said is absolutely right .. i believe... ?

HaXZX0r - May 2, 2010, 2:12 am

Or you can set the pictureBox's sizemode to STRETCHIMAGE

codepoet - May 2, 2010, 5:12 pm

(May 2, 2010 12:07 AM)BlueAce_Pragy Wrote: [\[CITE\]](#) why.. what he said is absolutely right .. i believe... ?

he is right but the point of this tutorial is to give you an option...and he made it seem like this code is useless...but i don't want to flame so just for get it.

Deathader - May 2, 2010, 5:30 pm

(May 2, 2010 02:12 AM)HaXZX0r Wrote: [\[CITE\]](#) Or you can set the pictureBox's sizemode to STRETCHIMAGE

/thread