

## HOWTO: Number a multipage TIFF

### DEPRECATION WARNING

Please note that using the Images collection of a WorkspaceViewer or AnnotateViewer is (like using an ImageCollection directly) a very memory inefficient approach. Each image in an ImageCollection requires a contiguous block of memory height \* width \* pixel\_depth and all need to be in memory at once.

Please consider using the DocumentViewer or DocumentAnnotationViewer instead

### Original Content

The following example code is a simple way to add page numbers to a multipage TIFF.

Note: This code assumes ws is a Workspace or WorkspaceViewer.

#### C#

```
/ Prepare the drawing objects. SolidFill fill = new SolidFill(Color.Black); Font font = new
Font("Verdana", 12); int num = 1; // Loop through the pages, adding a number to the top right
corner. foreach (AtalaImage image in ws.Images) { Canvas canvas = new Canvas(image); string
strNum = num.ToString(); // Calculate the position for the page number. SizeF numSize =
Canvas.CalculateTextSize(strNum, font); Point position = new
Point(Convert.ToInt32(image.Width - numSize.Width - 20), 20); // Draw it.
canvas.DrawText(strNum, position, font, fill); num++; }
```

#### VB.NET

```
Prepare the drawing objects. Dim fill As SolidFill = New SolidFill(Color.Black) Dim font As
Font = New Font("Verdana",12) Dim num As Integer = 1 ' Loop through the pages, adding a
number to the top right corner. Dim image As AtalaImage For Each image In ws.Images Dim
canvas As Canvas = New Canvas(image) Dim strNum As String = num.ToString() ' Calculate the
position for the page number. Dim numSize As SizeF = Canvas.CalculateTextSize(strNum,font)
Dim position As Point = New Point(Convert.ToInt32(image.Width - numSize.Width - 20),20) '
Draw it. canvas.DrawText(strNum, position, font, fill) num = num + 1 Next
```

Original Article:

Q10137 - HOWTO: Numbering a multipage TIFF

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Atalasoft Knowledge Base

<https://www.atalasoft.com/KB2/KB/50307/HOWTO-Number-a-multipage-TIFF>