

OBSOLESCENCE WARNING

This article is flagged for review/rewrite by support.

This article is recommending using ImageCollection objects which should absolutely be avoided in favor of ImageSource objects.

Please see [HOWTO: Use an ImageSource with an AnnotatePrintDocument or ImagePrintDocument](#)

Main Article (Preserved)

Printing images using DotImage (ImagePrintDocument) or DotAnnotate (AnnotatePrintDocument) does not allow for printing of a specific page range other than all of the pages. This article will explain how to work around this, focusing on the AnnotatePrintDocument class, but this can be easily translated to using on ImagePrintDocument.

Since the AnnotatePrintDocument class can only print all the the images it has, we must make an extra effort to enable printing of a page range. The idea here is to simply create an AnnotatePrintDocument with only the pages we want to print in it. Here are the steps we should take:

1. Create an AnnotatePrintDocument with all images and annotations
2. Show the PrintDialog to let the user select the print options
3. Create a new ImageCollection containing only the selected pages, and a new AnnotationController containing the corresponding Annotation layers
4. Set the AnnotatePrintDocument to use the new ImageCollection and AnnotationController objects
5. Start the Printing

Although the most complicated step is creating the new Collection of Images and Annotations, this is still very straight forward. The code listed below can be copied directly into the DotAnnotate Demo:

HOWTO: Print a specific Page Range (Windows Forms Controls)

[C#]

```
/ STEP 1: Create
annotatePrintDocument1.SetImagesFromImageCollection(this.annotateViewer1.Images);
annotatePrintDocument1.Annotations = this.annotateViewer1.Annotations;
annotatePrintDocument1.ScaleMode = Atalasoft.Imaging.WinControls.PrintScaleMode.FitToEdges;
annotatePrintDocument1.Center = false; // STEP 2: Show the printer dialog.PrintDialog dlg =
new PrintDialog(); dlg.AllowSomePages = true; dlg.Document = annotatePrintDocument1;
dlg.PrinterSettings.FromPage = 1; dlg.PrinterSettings.ToPage =
this.annotateViewer1.Images.Count; dlg.PrinterSettings.MinimumPage = 1;
dlg.PrinterSettings.MaximumPage = this.annotateViewer1.Images.Count; if (dlg.ShowDialog(this)
== DialogResult.OK) { // if not printing all pages, create Image Collection int fromPage =
dlg.PrinterSettings.FromPage; int toPage = dlg.PrinterSettings.ToPage; // STEP 3: Create new
ImageCollection and Annotationcontroller AnnotationController ann = new
AnnotationController(); int pageNumber = 0; ImageCollection printImages = new
ImageCollection(); for(int i = fromPage-1; i < toPage; i++) { printImages.Insert(pageNumber,
this.annotateViewer1.Images[i]); ann.Layers.Insert(pageNumber,
this.annotateViewer1.Annotations.Layers[i]); pageNumber++; } // STEP 4: Set new
Images/annotations annotatePrintDocument1.SetImagesFromImageCollection( printImages );
annotatePrintDocument1.Annotations = ann; // STEP 5: Print the pages
annotatePrintDocument1.Print(); } dlg.Dispose();
```

[VB.NET]

```
STEP 1: Create annotatePrintDocument
annotatePrintDocument1.SetImagesFromImageCollection(Me.annotateViewer1.Images)
annotatePrintDocument1.Annotations = Me.annotateViewer1.Annotations
annotatePrintDocument1.ScaleMode = Atalasoft.Imaging.WinControls.PrintScaleMode.FitToEdges
annotatePrintDocument1.Center = False ' STEP 2: Show the printer dialog Dim dlg As
PrintDialog = New PrintDialog() dlg.AllowSomePages = True dlg.Document =
annotatePrintDocument1 dlg.PrinterSettings.FromPage = 1 dlg.PrinterSettings.ToPage =
Me.annotateViewer1.Images.Count dlg.PrinterSettings.MinimumPage = 1
dlg.PrinterSettings.MaximumPage = Me.annotateViewer1.Images.Count If dlg.ShowDialog(Me) =
DialogResult.OK Then ' if not printing all pages, create Image Collection Dim fromPage As
Integer = dlg.PrinterSettings.FromPage Dim toPage As Integer = dlg.PrinterSettings.ToPage '
STEP 3: Create new ImageCollection and Annotationcontroller Dim ann As AnnotationController =
New AnnotationController() Dim pageNumber As Integer = 0 Dim printImages As ImageCollection =
New ImageCollection() Dim i As Integer For i = fromPage-1 To toPage- 1
printImages.Insert(pageNumber, Me.annotateViewer1.Images(i)) ann.Layers.Insert(pageNumber,
Me.annotateViewer1.Annotations.Layers(i)) pageNumber = pageNumber + 1 Next ' STEP 4: Set new
Images/annotations annotatePrintDocument1.SetImagesFromImageCollection(printImages)
annotatePrintDocument1.Annotations = ann ' STEP 5: Print the pages
annotatePrintDocument1.Print() End If dlg.Dispose()
```

Original Article

HOWTO: Print a specific Page Range (Windows Forms Controls)

Q10140 - HOWTO: Print a specific Page Range

Last Update

2026-10-06 - TD - (Minor HTML fix and heading rename)

Atalasoft Knowledge Base

<https://www.atalasoft.com/kb2/KB/50304/HOWTO-Print-a-specific-Page-Range-Wi...>