

HOWTO: Save and retrieve an image with XMP Annotations

With DotImage Document Imaging, XMP annotations can be stored and loaded from a TIFF or JPEG image. Saving annotations to XMP and embedding into an image requires setting the XMP property of the TIFF or JPEG codec. The following is a VB example of saving an image with Annotations using the SaveFileDialog to specify the filename.

C#

```
byte[] xmpBytes = this.AnnotateViewer1.Annotations.Save(); Codec.TiffEncoder tiff = new
Codec.TiffEncoder(Codec.TiffCompression.Group4FaxEncoding); tiff.Xmp = xmpBytes;
SaveFileDialog fs = new SaveFileDialog(); if(fs.ShowDialog() == DialogResult.OK) {
this.AnnotateViewer1.Save(fs.FileName, tiff); }
```

[VB.NET]

```
im xmpBytes As Byte() = Me.AnnotateViewer1.Annotations.Save() Dim tiff As Codec.TiffEncoder =
New Codec.TiffEncoder(Codec.TiffCompression.Group4FaxEncoding) tiff.Xmp = xmpBytes Dim fs As
SaveFileDialog = New SaveFileDialog If fs.ShowDialog(Me) = DialogResult.OK Then
Me.AnnotateViewer1.Save(fs.FileName, tiff) End If
```

To load the image with annotations back into the Viewer, use the XMP Parser as follows:

C#

```
penFileDialog fd = new OpenFileDialog(); if (fd.ShowDialog() == DialogResult.OK) {
this.AnnotateViewer1.Open(fd.FileName); XmpParser parse = new XmpParser(); byte[] xmpData =
parse.BytesFromImage(fd.FileName); this.AnnotateViewer1.Annotations.Load(xmpData,
Atalasoft.Imaging.Annotate.AnnotationDataFormat.Xmp); }
```

[VB.NET]

```
im fd As OpenFileDialog = New OpenFileDialog If fd.ShowDialog(Me) = DialogResult.OK Then
Me.AnnotateViewer1.Open(fd.FileName) Dim parse As XmpParser = New XmpParser Dim xmpData As
Byte() = parse.BytesFromImage(fd.FileName) Me.AnnotateViewer1.Annotations.Load(xmpData, _
Atalasoft.Imaging.Annotate.AnnotationDataFormat.Xmp) End If
```

Original Article:

Q10078 - HOWTO: Save and retrieve an image with XMP Annotations

HOWTO: Save and retrieve an image with XMP Annotations

Atalasoft Knowledge Base

<https://www.atalasoft.com/kb2/KB/50341/HOWTO-Save-and-retrieve-an-image-wit...>