

HOWTO: Save a Pdf file with Compression

DotImage allows users to create PDF files with different compression per frame. The PdfEncoder uses an event SetEncoderCompression. The PdfTranslator has a property which can be assigned a delegate method to do its processing.

PdfEncoder

C#

```
dfEncoder pdf = new PdfEncoder(); pdf.SetEncoderCompression += new
EncoderCompressionEventHandler(pdf_SetEncoderCompression); void
pdf_SetEncoderCompression(object sender, Atalasoft.Imaging.Codec.EncoderCompressionEventArgs
e) { if (e.Image.PixelFormat == PixelFormat.Pixel1bppIndexed) e.Compression = new
PdfCodecCompression(PdfCompressionType.CcittGroup4); else e.Compression = new
PdfCodecCompression(PdfCompressionType.Deflate); }
```

VB.NET

```
Dim pdf As New PdfEncoder() AddHandler pdf.SetEncoderCompression, AddressOf
pdf_SetEncoderCompression Private Sub pdf_SetEncoderCompression(ByVal sender As Object, ByVal
e As Atalasoft.Imaging.Codec.EncoderCompressionEventArgs) If e.Image.PixelFormat =
PixelFormat.Pixel1bppIndexed Then e.Compression = New
PdfCodecCompression(PdfCompressionType.CcittGroup4) End If Else e.Compression = New
PdfCodecCompression(PdfCompressionType.Deflate) End Else End Sub
```

PdfTranslator

C#

```
dfTranslator trans = new PdfTranslator(); trans.CompressionSelector = SetCompression; private
PdfImageCompressionType SetCompression(PixelFormat pixelformat) { if (pixelformat ==
PixelFormat.Pixel1bppIndexed) return PdfImageCompressionType.CcittGroup4; return
PdfImageCompressionType.Flate; }
```

VB.NET

```
Dim trans As New PdfTranslator() trans.CompressionSelector = AddressOf SetCompression Private
Function SetCompression(ByVal pixelformat__1 As PixelFormat) As PdfImageCompressionType If
pixelformat__1 = PixelFormat.Pixel1bppIndexed Then Return PdfImageCompressionType.CcittGroup4
End If Return PdfImageCompressionType.Flate End Function
```

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