

XDoc.PDF Developer Guide – Acrobat Compatible Module

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Apply Page Header/Footer settings to a PDF document object

C#

```
String inputFilePath = Program.RootPath + "\\\" + "1.pdf";
String outputFilePath = Program.RootPath + "\\\" + "1_hdrftr.pdf";

// open a PDF file
PDFDocument doc = new PDFDocument(inputFilePath);

{
    // define a header/footer setting
    PDFPageHeaderFooter hdrftr1 = new PDFPageHeaderFooter();
    // set center header field
    hdrftr1.CenterHeaderField.Set(@"Title: *****", new Font("Arial", 12F, FontStyle.Regular), Color.Black);
    // set left footer field
    hdrftr1.LeftFooterField.Set("Page <<1/n>>", new Font("Arial", 9F, FontStyle.Regular), Color.DarkGray);

    // define page range: all odd pages
    PageRangeOptions pageRange1 = new PageRangeOptions();
    pageRange1.AllPages = true;
    pageRange1.Subset = PageRangeSubset.Odd;

    // apply header/footer settings to all odd pages
    PDFPageFieldHandler.ApplyHeaderFooter(doc, hdrftr1, pageRange1);
}

{
    // define a header/footer setting
    PDFPageHeaderFooter hdrftr2 = new PDFPageHeaderFooter();
    // set center header field
    hdrftr2.CenterHeaderField.Set(@"Title: *****", new Font("Arial", 12F, FontStyle.Regular), Color.Black);
    // set right footer field
    hdrftr2.RightFooterField.Set("Page <<1/n>>", new Font("Arial", 9F, FontStyle.Regular), Color.DarkGray);

    // define page range: all even pages
    PageRangeOptions pageRange2 = new PageRangeOptions();
    pageRange2.AllPages = true;
    pageRange2.Subset = PageRangeSubset.Even;

    // apply header/footer settings to all even pages
    PDFPageFieldHandler.ApplyHeaderFooter(doc, hdrftr2, pageRange2);
}

doc.Save(outputFilePath);
```

VB

Apply Page Watermark settings to a PDF document object

C#

```
String inputFilePath = Program.RootPath + "\\\" + "1.pdf";
String outputFilePath = Program.RootPath + "\\\" + "1_watermk.pdf";

// open a PDF file
PDFDocument doc = new PDFDocument(inputFilePath);

PDFWatermarkTextRes resWatermark = new PDFWatermarkTextRes("Confidential", new Font("Arial",
72F, FontStyle.Regular), Color.Black, WatermarkTextAlignment.Center);

{
    // define a watermark setting
    PDFPageWatermark watermark1 = new PDFPageWatermark(resWatermark);
    watermark1.IsAbovePage = false;
    watermark1.Rotate = -45F;
    watermark1.Opacity = 0.2F;

    // define page range: all odd pages
    PageRangeOptions pageRange1 = new PageRangeOptions();
    pageRange1.AllPages = true;
    pageRange1.Subset = PageRangeSubset.Odd;

    // apply watermark settings to all odd pages
    PDFPageFieldHandler.ApplyWatermark(doc, watermark1, pageRange1);
}

{
    // define a watermark setting
    PDFPageWatermark watermark2 = new PDFPageWatermark(resWatermark);
    watermark2.IsAbovePage = false;
    watermark2.Rotate = 45F;
    watermark2.Opacity = 0.2F;

    // define page range: all even pages
    PageRangeOptions pageRange2 = new PageRangeOptions();
    pageRange2.AllPages = true;
    pageRange2.Subset = PageRangeSubset.Even;

    // apply watermark settings to all even pages
    PDFPageFieldHandler.ApplyWatermark(doc, watermark2, pageRange2);
}

doc.Save(outputFilePath);
```

VB

Apply Page Background settings to a PDF document object

C#

```
String inputFilePath = Program.RootPath + "\\\" + "1.pdf";
String outputFilePath = Program.RootPath + "\\\" + "1_backgd.pdf";

// open a PDF file
PDFDocument doc = new PDFDocument(inputFilePath);

PDFBackgroundRes resBackground = new PDFBackgroundFillColorRes(Color.Yellow);

{
    // define a page background setting
    PDFPageBackground background1 = new PDFPageBackground(resBackground);
    background1.Opacity = 0.2F;

    // define page range: all odd pages
    PageRangeOptions pageRange1 = new PageRangeOptions();
    pageRange1.AllPages = true;
    pageRange1.Subset = PageRangeSubset.Odd;

    // apply page background settings to all odd pages
    PDFPageFieldHandler.ApplyBackground(doc, background1, pageRange1);
}

{
    // define a page background setting
    PDFPageBackground background2 = new PDFPageBackground(resBackground);
    background2.Opacity = 0.2F;

    // define page range: all even pages
    PageRangeOptions pageRange2 = new PageRangeOptions();
    pageRange2.AllPages = true;
    pageRange2.Subset = PageRangeSubset.Even;

    // apply page background settings to all even pages
    PDFPageFieldHandler.ApplyBackground(doc, background2, pageRange2);
}

doc.Save(outputFilePath);
```

VB

Remove all Page Header/Footer settings in a PDF document object

C#
<pre>String inputFilePath = Program.RootPath + "\\\" + "1_hdrftr.pdf"; String outputFilePath = Program.RootPath + "\\\" + "output.pdf"; PDFDocument doc = new PDFDocument(inputFilePath); PDFPageFieldHandler.RemoveHeaderFooters(doc); doc.Save(outputFilePath);</pre>
VB

Remove all Page Watermark settings in a PDF document object

C#
<pre>String inputFilePath = Program.RootPath + "\\\" + "1_watermk.pdf"; String outputFilePath = Program.RootPath + "\\\" + "output.pdf"; PDFDocument doc = new PDFDocument(inputFilePath); PDFPageFieldHandler.RemoveWatermarks(doc); doc.Save(outputFilePath);</pre>
VB

Remove all Page Background settings in a PDF document object

C#
<pre>String inputFilePath = Program.RootPath + "\\\" + "1_backgd.pdf"; String outputFilePath = Program.RootPath + "\\\" + "output.pdf"; PDFDocument doc = new PDFDocument(inputFilePath); PDFPageFieldHandler.RemoveBackgrounds(doc); doc.Save(outputFilePath);</pre>
VB

Retrieve all Page Header/Footer settings from a PDF file

C#
<pre>String inputFilePath = Program.RootPath + "\\\" + "1_hdrftr.pdf"; PDFDocument doc = new PDFDocument(inputFilePath); // get all Header/Footer settings in the document PDFPageHeaderFooterInfo info = PDFPageFieldHandler.RetrieveHeaderFooters(doc); // get default setting for Header/Footer and Page Range PDFPageHeaderFooter defaultSetting = info.GetDefaultSetting(); PageRangeOptions defaultPageRange = info.GetDefaultPageRangeSettings();</pre>
VB

Retrieve all Page Watermark settings from a PDF file

C#
<pre>String inputFilePath = Program.RootPath + "\\\" + "1_watermk.pdf"; PDFDocument doc = new PDFDocument(inputFilePath); // get all Watermark settings in the document PDFPageWatermarkInfo info = PDFPageFieldHandler.RetrieveWatermarks(doc); // get default setting for Watermark and Page Range PDFPageWatermark defaultSetting = info.GetDefaultSetting(); PageRangeOptions defaultPageRange = info.GetDefaultPageRangeSettings();</pre>
VB

Retrieve all Page Background settings from a PDF file

C#
<pre>String inputFilePath = Program.RootPath + "\\\" + "1_backgd.pdf"; PDFDocument doc = new PDFDocument(inputFilePath); // get all Background settings in the document PDFPageBackgroundInfo info = PDFPageFieldHandler.RetrieveBackgrounds(doc); // get default setting for Background and Page Range PDFPageBackground defaultSetting = info.GetDefaultSetting(); PageRangeOptions defaultPageRange = info.GetDefaultPageRangeSettings();</pre>
VB