Subject: Can I place picture in background of page?
Posted by sergeynikitin on Sun, 28 Jul 2013 21:28:07 GMT
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Can I place picture in background layer of page?

May I create background layer in QTF format too?

Subject: Re: Can I place picture in background of page?
Posted by mirek on Mon, 29 Jul 2013 17:45:15 GMT
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sergeynikitin wrote on Sun, 28 July 2013 17:28Can I place picture in background layer of page?

You have to paint the background, then RichText over it. I am doing this in some of apps, it is not that hard...

Quote:I create background layer in QTF format too?

No.

Subject: Re: Can I place picture in background of page?
Posted by sergeynikitin on Mon, 29 Jul 2013 22:20:43 GMT
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My question was about print on paper ability (sorry, that not point this)...

May I draw background picture/something while prepare report?

(It will be wished ability to draw Form design or background picture).

Subject: Re: Can I place picture in background of page?
Posted by mirek on Tue, 30 Jul 2013 06:14:39 GMT
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Well, the answer is the same... This is what I do, print some background picture (on the printer), then draw RichText over it.

One example is this code:

struct IsWatermark : RichText::Iterator

```
{
 bool operator()(int pos, const RichPara& para) {
  return para.format.label == "WATERMARK";
 }
};

void DocPrint::Print(Draw& w, const RichText& text, const Rect& page, int firstpage, int lastpage,
                     int copies, bool collate, bool report)
{
 IsWatermark iwm;
 bool watermark = text.Iterate(iwm);
 RichText watermark_text;
 int wh;
 int ph = Roman(75).Info().GetHeight();
 Size pgsz = page.Size();
 if(watermark) {
  watermark_text = ParseQTF(watermark_qtf);
  wh = watermark_text.GetHeight(pgsz.cx) + ph;
 }
 firstpage = max(0, firstpage);
 int lpage = text.GetHeight(page).page;
 lastpage = min(lastpage, text.GetHeight(page).page);
 PrintPageDraw pw(w);
 Size mmsz = w.GetPageMMs();
 int x = (6000 * mmsz.cx / 254 - pgsz.cx) / 2;
 int y = (6000 * mmsz.cy / 254 - pgsz.cy) / 2;
 if(report)
  x = y = 0;
 for(int c = 0; c < (collate ? copies : 1); c++)
  for(int i = firstpage; i <= lastpage; i++)
   for(int c = 0; c < (collate ? 1 : copies); c++) {
    w.StartPage();
    PaintInfo paintinfo;
    paintinfo.indexentry = Null;
    paintinfo.hyperlink = Null;
    if(watermark) {
     pw.SetPage(0);
     paintinfo.top = PageY(0, 0);
     paintinfo.bottom = PageY(1, 0);
     w.Offset(x, 6000 * mmsz.cy / 254 - wh);
     watermark_text.Paint(pw, page, paintinfo);
     w.End();
     String pg = Format("%d / %d", i + 1, lpage + 1);
     Size psz = GetTextSize(pg, Roman(75));
     w.DrawText(x + (pgsz.cx - psz.cx) / 2, 6000 * mmsz.cy / 254 - psz.cy,
                pg, Roman(75), Gray);
    }
    w.Offset(x, y);
```

```
    pw.SetPage(i);
    paintinfo.top = PageY(i, 0);
    paintinfo.bottom = PageY(i + 1, 0);
    text.Paint(pw, page, paintinfo);
    w.End();
    if(!IsNull(header) && i)
     pw.Page(i).DrawText(x, y + pgsz.cy + 100, header, Arial(90).Italic());
    if(!IsNull(footer) && lpage && !watermark) {
     String n = Format(footer, i + 1, lpage + 1);
     Size nsz = GetTextSize(n, Arial(90).Italic());
     pw.Page(i).DrawText(
      x + pgsz.cx - nsz.cx, y + pgsz.cy + 100,
      n, Arial(90).Italic());
    }
    w.EndPage();
   }
}
```

In this case, background watermark is actually another QTF, which gets repeated at the end of each page printed.

Mirek
