
Subject: Re: PDF file from Report
Posted by [mubeta](#) on Wed, 10 Mar 2021 08:25:04 GMT
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I solved it by changing some more code, generating the tuple key by the image hash. In this way the PDF file size decrease a lot, similar to using a PDF printer.

```
void PdfDraw::DrawImageOp(int x, int y, int cx, int cy, const Image& _img, const Rect& src, Color c)
{
    Image img = _img;
    if(!IsNull(c))
        img = CachedSetColorKeepAlpha(img, c);

    //Tuple2<int64, Rect> key = MakeTuple(img.GetSerialId(), src);
    Tuple2<int64, Rect> key = MakeTuple(img.GetHashValue(), src);
    int q = images.Find(key);
    if(q < 0)
    {
        //q = images.GetCount();
        //images.Add(key, img);

        Image h = sJPEGDummy();
        q = images.GetCount();
        images.Add(key, h);
        data = JPGEncoder(40).SaveString(img);
        img = h;
    }

    if(img.GetSerialId() == sJPEGDummy().GetSerialId())
        jpeg.Add(data);

    page << "q "
        << Pt(cx) << " 0 0 " << Pt(cy) << ' '
        << Pt(x) << ' ' << Pt(pgsz.cy - y - cy)
        << " cm /Image" << q + 1 << " Do Q\n";
}
```