Subject: Re: PdfDraw, custom DPI request + my fix
Posted by Mountacir on Wed, 14 Sep 2022 19:12:12 GMT

This is an example of the issue.
I attached a test example and two images of 6x9 inches at 300dpi and 600dpi that supposed to be book pages.

Trying to convert them to Pdfs using PdfDraw will output different size pdf for 300dpi page while outputing the correct size for 600dpi page.
Both of these pages should maintain thier size in inches.

What's causing this issue is the baked-in 600dpi in:

double Pt(double dot)   { return 0.12 * dot; }

This fixed the problem for me, as the dpi is no longer fixed:
double Pt(double dot)   { return 72 * dot / dpi ; }

File Attachments
1) DrawImageTest.zip, downloaded 201 times
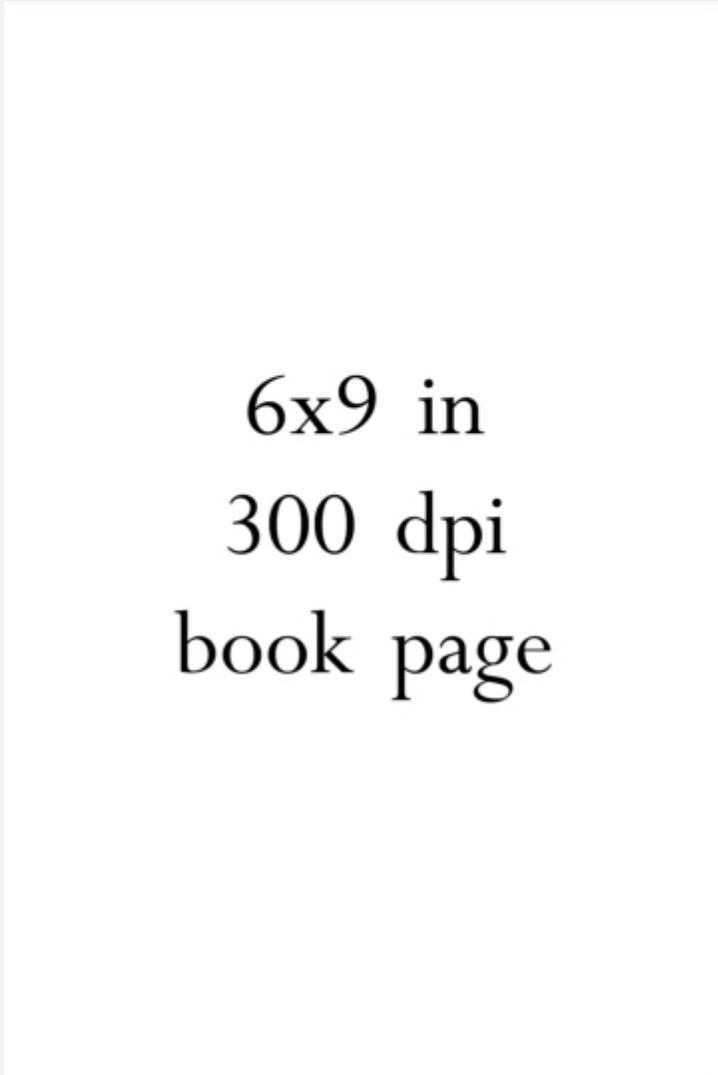2) pdfdraw.jpg, downloaded 552 times

Document Properties ✕

File: **C:\Users** **\Desktop\300dpi.pdf**
PDF Version: **1.7**
File Size: **24.11 KB (24,688 Bytes)**
Number of Pages: **1**
Page Size: **3.0 x 4.5 in**

6x9 in

300 dpi

book page

Document Properties

File: **C:\Users** **\Desktop**
PDF Version: **1.7**
File Size: **60.54 KB (61,991 Bytes)**
Number of Pages: **1**
Page Size: **6.0 x 9.0 in**

6x9 in

600 dpi

book page