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Subject: Re: Draw::DrawImageOp optimization bug  
Posted by [Tom1](#) on Fri, 05 Dec 2008 10:05:41 GMT  
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Mirek,

Thank you for the latest fixes. I have tested with all my real printers with success using both dots and native mode. Now, I will also involve my client with the Epson printer to verify the results on that particular hardware. I would not expect any trouble on that, as the preview is OK.

With Microsoft XPS Document Writer + Viewer, there is still horizontal lines if the image gets even partly optimized. Over-painting the image segments does not help. (This can be seen if the Testcase image (O) is drawn with red on white instead of red on blue.) I assume this happens because the XPS Viewer smooths the image and the intensity at the edge of each colored image segment is lower than the pixel color due to smoothing. Therefore, each new stripe paints a narrow line with lighter color.

I suppose, the RLE optimization of images is just impossible with XPS but luckily appears to work well for real printers after the 'optimize-white-only' -change. I guess, there is just the 'disable RLE optimization' -flag left as an option to survive printing to XPS.

Overall, the changes have improved the printing sub-system compatibility and printing quality. Especially the native mode has been an extremely welcome feature.

Thanks and regards,

Tom

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