Subject: Printing images from Uword
Posted by zsolt on Wed, 13 Jun 2007 22:06:09 GMT
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I'm trying to print documents containing images, pasted fom clipboard. My problem is, that the pictures get messy on printer or  in a ps file, captured by printer driver.
PDF export is OK and printing the exported PDF from Adobe reader is OK as well.
Could somebody check if it is a general problem/bug?

Subject: Re: Printing images from Uword
Posted by zsolt on Thu, 14 Jun 2007 06:11:30 GMT
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I forgot to mention, that OS is WinXP.

Subject: Re: Printing images from Uword
Posted by zsolt on Thu, 14 Jun 2007 20:04:43 GMT
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Strange...
It is working well with color printer driver (ps).
Testing the output postscript captured on driver (saved to file) seems to be good with color drivers, but messy with black and white drivers.

Any idea?

Subject: Re: Printing images from Uword
Posted by zsolt on Sun, 17 Jun 2007 14:57:23 GMT
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Any idea?

Subject: Re: Printing images from Uword
Posted by mirek on Sun, 17 Jun 2007 16:27:39 GMT
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Sorry, one that I have missed....

Will test ASAP... Have you checked how printing works from e.g. WordPad?

What exactly means "messy"?

It is something more serious, I would start looking at DrawImageOp; there is "band compression" code

```
 if((cx > 2000 || cy > 2000) && IsNull(color)) {
```

for starters, I would make this false (e.g. ".... && false") and see what happens.

Just for the recored, printing works here....

Note: The purpose of this code is to "compress" unicolor areas by painting them using DrawRect.

Mirek

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Subject: Re: Printing images from Uword
Posted by zsolt on Sun, 17 Jun 2007 20:03:12 GMT
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This is the original picture:

I used ghostview to check the captured postscript files and created screenshots of ghostview windows:

Color printing (HP Color LaserJet 8550-PS driver):

Color, stretched to smaller size in Uword:

B&W printing(HP LaserJet IIIP PostScript Plus driver):

B&W, stretched to smaller size in Uword:

File Attachments
1) bw.png, downloaded 1075 times
2) bw-stretched.png, downloaded 1105 times
3) color.png, downloaded 1122 times
4) color-stretched.png, downloaded 1043 times
5) orig.png, downloaded 1356 times

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Subject: Re: Printing images from Uword

Posted by zsolt on Sun, 17 Jun 2007 20:09:07 GMT

I tested WordPad as well:

B&W:

B&W stretched:

## File Attachments
1) WordPadBW.png, downloaded 1355 times
2) WordPadBWStretched.png, downloaded 1542 times

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Subject: Re: Printing images from Uword
Posted by zsolt on Sun, 17 Jun 2007 20:29:52 GMT

I have tested with:if(false)
The result with color printer is quite good:

Bit with B&W printer, I got a solid line only:

## File Attachments
1) false-color.png, downloaded 1061 times
2) fasle-bw.png, downloaded 1305 times

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Subject: Re: Printing images from Uword
Posted by mirek on Mon, 18 Jun 2007 06:48:04 GMT

Well, at least it seems to be related...

Can you post your UWord file as well (so that I can test with the same)?

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Subject: Re: Printing images from Uword
Posted by zsolt on Mon, 18 Jun 2007 07:38:42 GMT

here is the qtf.

```
File Attachments
1) test.qtf, downloaded 518 times
```

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## Subject: Re: Printing images from Uword
Posted by mirek on Mon, 18 Jun 2007 08:35:57 GMT
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Prints without an issue for me.... (LaserJet 6L).

Actually, looks very much like printer driver problem - but I understand such explanation is not very helpful...

I will move .qtf file to some more exposed forum place and ask others for tests.

---

## Subject: Re: Printing images from Uword
Posted by zsolt on Mon, 18 Jun 2007 10:08:12 GMT
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Interesting...
I tested with "Brother HL-8PS" driver, the result is the same as with HP.
But with "Lexmark Optra W810 PS" driver, the result is almost perfect. If I scale the image to a smaller size, the printout is perfect.

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## Subject: Re: Printing images from Uword
Posted by zsolt on Mon, 18 Jun 2007 10:22:26 GMT
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Thanks Mirek!

I saw the posts in the other topic.
Maybe the problem is, that older printer drivers in Windows XP doesn't support well the whole printing API of Windows.

I will suggest to my clients to use a newer printer or at least a newer driver.

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## Subject: Re: Printing images from Uword
Posted by mirek on Mon, 18 Jun 2007 10:58:28 GMT
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BTW, I think it is somehow related to printers being PS...

If I remember well, HP printers can run in both modes (Postscript and PCL) - maybe switching to

---

PCL driver could be interesting...

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## Subject: Re: Printing images from Uword
Posted by zsolt on Mon, 18 Jun 2007 11:22:08 GMT

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Using PCL, printouts are bad also. I started to use postcript to test if the printer is bad or not. And it is easy to see the results with a PS viewer without printing to paper.

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