
Subject: Re: postscript resolution
Posted by [R.Bauer](#) on Mon, 07 Jul 2003 15:39:32 GMT
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Klaus Scipal wrote:

> Hi
>
> I have to produce some graphics in postscript format with at least 300 dpi.
> Producing the postscript files was fairly easy, however they only have 72
> dpi. Can anyone give me a hint how to change the resoltuion to 300 dpi?
>
> Klaus
>
>

Dear Klaus,

how did you measure this?

and how did you have produced this 72dpi file. Did you have used direct
graphics or object graphics?

Which version of idl did you use?

```
set_plot,'ps'  
plot,findgen(10)  
device,/close  
set_plot,'X'
```

This gives a postscript file by directgraphics. It would be printed fine
on a 300dpi printer as well on a 1200dpi printer.

Normally Postscript is a vector driven format, so the printer knows how
to print it in differnt dpi's.

regards

Reimar

Subject: Re: postscript resolution
Posted by [David Fanning](#) on Mon, 07 Jul 2003 15:52:20 GMT
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Klaus Scipal writes:

> I have to produce some graphics in postscript format with at least 300 dpi.

> Producing the postscript files was fairly easy, however they only have 72
> dpi. Can anyone give me a hint how to change the resolutuion to 300 dpi?

That fact that producing the PostScript files was "fairly easy" and the fact that you only have 72 dpi suggests you probably took a "screen dump" of your graphics and sent that to the PostScript file. While "fairly easy", this technique is sure to disappoint, since the display screen is never much more than 72 dpi.

If you issued normal IDL graphics commands to produce your PostScript file, then I suspect the output resolution will be as good as your output device supports. :-)

Cheers,

David

--

David W. Fanning, Ph.D.
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Coyote's Guide to IDL Programming: <http://www.dfanning.com/>
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Subject: Re: postscript resolution
Posted by [Klaus Scipal](#) on Tue, 08 Jul 2003 08:16:45 GMT
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Dear David & Reimar

Fool me, actually I did everything right, using Davids fsc_psconfig tool to configuer the ps device, plotting everything to the ps file... But as David said the output resolution is only as good as the output device supports.

Thanks for the answer, you helped me a lot.

By the way I am always surprised how David exactly knows what one is doing wrong from the bit of information normally posted here and giving answers were even I have the feeling that everything is so simple.

Klaus

"David Fanning" <david@dfanning.com> wrote in message
news:MPG.1973451aec7687619896a0@news.frii.com...
> Klaus Scipal writes:

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>
> Cheers,
>
> David
>
> --
> David W. Fanning, Ph.D.
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Subject: Re: postscript resolution
Posted by [David Fanning](#) on Tue, 08 Jul 2003 13:41:54 GMT
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Klaus Scipal writes:

> By the way I am always surprised how David exactly knows what one is doing
> wrong from the bit of information normally posted here

Well, personal experience, mostly. :-)

Cheers,

David

--

David W. Fanning, Ph.D.
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