
Subject: plotting graphics for web pages
Posted by [russ\[1\]](#) on Sat, 10 May 2008 15:02:13 GMT
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Hi

I want to make my idl code do a plot to a file format that can be picked up by html.

I tried set_plot,'ps' etc

which creates the ps file ok that can be read into word, but if I reference this in the normal way in html

```
<a href="http://www...etc" title="OUCE" class="logo"></a>
```

then it doesnt show when opeing the file in explorer.

any ideas?

thanks

russ

Subject: Re: plotting graphics for web pages
Posted by [David Fanning](#) on Mon, 19 May 2008 20:35:41 GMT
[View Forum Message](#) <> [Reply to Message](#)

Paul van Delst writes:

- > I do the same thing except:
- >
- > 1) I use png, rather than jpeg, files
- >
- > 2) I do a
- > device, scale_factor=2.0
- > for PS output so that the resultant ps->png conversion doesn't
- > produce teeny pictures.
- >
- > Grabbing IDL output from screen (direct graphics at least) leaves you hostage to blechy fonts.

Paul,

Would you be willing to provide a small code snippet to show us exactly how this is done? I'd be happy to publish it for you. :-)

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: plotting graphics for web pages

Posted by [Paul Van Delst\[1\]](#) on Mon, 19 May 2008 21:41:58 GMT

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David Fanning wrote:

> Paul van Delst writes:

>

>> I do the same thing except:

>>

>> 1) I use png, rather than jpeg, files

>>

>> 2) I do a

>> device, scale_factor=2.0

>> for PS output so that the resultant ps->png conversion doesn't

>> produce teeny pictures.

>>

>> Grabbing IDL output from screen (direct graphics at least) leaves you hostage to blechy fonts.

>

> Paul,

>

> Would you be willing to provide a small code snippet to show

> us exactly how this is done? I'd be happy to publish it for

> you. :-)

I assume you're pulling my whizzer here since I know I don't do anything that isn't already known. Maybe it's just a convention thing on my part?

At any rate, for the record I do the following sort of thing in my .pro file:

```
pro plot_this
; Some plotting setup stuff
font   = (!d.name eq 'PS') ? 1   : -1
thick   = (!d.name eq 'PS') ? 2   : 1
charsize = (!d.name eq 'PS') ? 1.5 : 1.0
; My data
```

```

n = 1000L
x = dindgen(n)/double(n-1)
y = x^2
; Do the plots
plot, x, y, $
    font=font, thick=thick, charsize=charsize
end

```

When I want to look at/play with the data onscreen, I simply do

```
IDL> plot_this
```

To create "regular" PS output I just do

```

IDL> pson
IDL> plot_this
IDL> psoff

```

and the resultant idl.ps file contains a plot that I can e.g. insert in my latex documents. When I want to create a png for use on a web page I just do,

```

IDL> pson
IDL> device, scale_factor=2.0
IDL> plot_this, x, y
IDL> psoff

```

and use the ImageMagick utility like so

```
IDL> $convert idl.ps idl.png
```

and the idl.png is large enough to read stuff.

I think the big trick here may simply be religious use of Liam Gumley's pson and psoff utilities - they take care of most things PS related. Or maybe it's the usual slew of

```

font    = (!d.name eq 'PS') ? 1  : -1
thick   = (!d.name eq 'PS') ? 2  : 1
charsize = (!d.name eq 'PS') ? 1.5 : 1.0

```

that I do. That idiom I use often enough I'm thinking of putting it in an include file, let's call it "plotset_1x1.pro" for a single plot. I could then use the same settings for other single plots:

```

pro plot_that
  @plotset_1x1
  n = 1000L
  x = dindgen(n)/double(n-1)
  y = x^4 - 10.0d0*x^3
  ; Do the plots

```

```
plot, x, y, $  
    font=font, thick=thick, charsize=charsize  
end
```

I just ran a test of all the above and it worked just fine. Probably a "plotset" that was !p.multi aware and returned a structure that could be passed in via the _extra to the plot command would be more general and handier, but the above works for me 95% of the time (trying to satisfy the remaining 5% would probably lead to something like iTools :o)

All this would be much simpler if IDL didn't change the @%\$^#% charsize when multiple plots are displayed. Whoever thought that little beauty up (or, at the very least, decided that the user didn't need control over it) should've been tossed out on his/her earhole during the pre-implementation code review.... :o)

Anyway.....

cheers,

paulv

Subject: Re: plotting graphics for web pages
Posted by [David Fanning](#) on Tue, 20 May 2008 02:18:47 GMT
[View Forum Message](#) <> [Reply to Message](#)

Paul van Delst writes:

> I assume you're pulling my whizzer here since I know I don't do anything that isn't
> already known.

You might be shocked to learn what people don't know. :-)

Thanks for the help.

Cheers,

David

--

David Fanning, Ph.D.
Fanning Software Consulting, Inc.
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Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: plotting graphics for web pages
Posted by [David Fanning](#) on Tue, 20 May 2008 02:31:45 GMT
[View Forum Message](#) <> [Reply to Message](#)

Paul van Delst writes:

> All this would be much simpler if IDL didn't change the @%\$^#% charsize when multiple
> plots are displayed. Whoever thought that little beauty up (or, at the very least, decided
> that the user didn't need control over it) should've been tossed out on his/her earhole
> during the pre-implementation code review.... :o)

Uh, well, did you ever try this little trick:

```
IDL> Window
IDL> !p.MULTI=[0,3,2]
IDL> plot, findgen(11), xtitle='Signal', Ytitle='Acquisition'
IDL> plot, findgen(11), xtitle='Signal', Ytitle='Acquisition'
IDL> plot, findgen(11), xtitle='Signal', Ytitle='Acquisition'
IDL> !p.charsize=1.5
IDL> plot, findgen(11), xtitle='Signal', Ytitle='Acquisition'
IDL> plot, findgen(11), xtitle='Signal', Ytitle='Acquisition'
IDL> plot, findgen(11), xtitle='Signal', Ytitle='Acquisition'
```

Seems like that's a fairly easy way to get control over
character size in multi-plots. ;-)

Cheers,

David

--

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Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: plotting graphics for web pages
Posted by [Paul Van Delst\[1\]](#) on Tue, 20 May 2008 14:00:45 GMT
[View Forum Message](#) <> [Reply to Message](#)

David Fanning wrote:

> Paul van Delst writes:

>

>> All this would be much simpler if IDL didn't change the @%\$^#% charsize when multiple
>> plots are displayed. Whoever thought that little beauty up (or, at the very least, decided
>> that the user didn't need control over it) should've been tossed out on his/her earhole

```
>> during the pre-implementation code review.... :o)
>
> Uh, well, did you ever try this little trick:
>
> IDL> Window
> IDL> !p.MULTI=[0,3,2]
> IDL> plot, findgen(11), xtitle='Signal', Ytitle='Acquisition'
> IDL> plot, findgen(11), xtitle='Signal', Ytitle='Acquisition'
> IDL> plot, findgen(11), xtitle='Signal', Ytitle='Acquisition'
> IDL> !p.charsize=1.5
> IDL> plot, findgen(11), xtitle='Signal', Ytitle='Acquisition'
> IDL> plot, findgen(11), xtitle='Signal', Ytitle='Acquisition'
> IDL> plot, findgen(11), xtitle='Signal', Ytitle='Acquisition'
>
> Seems like that's a fairly easy way to get control over
> character size in multi-plots. ;-)
```

Well, yes, I realise that. My point is that, for plots where I do `!p.MULTI=[0,3,2]`, I would like the option to have the character size to be the **same size** as when I do `!p.MULTI=0`.

I find it completely ridiculous that, **by default**, `!p.charsize=1.0` means different things depending on the value of `!p.multi`.

Maybe there could be a sysvar flag, e.g. `!p.charize_global_fix=1`, to globally fix the charsize to some absolute value, i.e. make `!p.charsize` insensitive to changes in `!p.multi`.

For the way I display plots (of course I realise others do it differently) I think it looks decidedly low rent when different sets of PS plots have different character sizes simply because one contains an extra row/column of plots.

cheers,

paulv

Subject: Re: plotting graphics for web pages
Posted by [David Fanning](#) on Tue, 20 May 2008 18:29:33 GMT
[View Forum Message](#) <> [Reply to Message](#)

Paul van Delst writes:

```
> I assume you're pulling my whizzer here since I know I don't do anything that isn't
> already known. Maybe it's just a convention thing on my part?
```

Despite the fact that Paul thinks everyone knows how to produce IDL output for display on the Web and in Powerpoint slides, **I** didn't know it. So, as is my practice, I wrote it down so I

won't forget it.

Actually, I was slightly more ambitious than that, since I also wrote a couple of new programs for the Coyote Library while I was about it to make this even easier to accomplish. (I need lots of graphics for my web page, so I figured an up-front investment now would save me lots of time later.)

In particular, I wrote my own version of Liam's wonderful programs PSON and PSOFF, called PS_START and PS_END because I am inordinately fond of PSConfig and hate to give that up. (One of the nicest programs I ever wrote, if you don't look at the code. And, incidentally, I found a bug in that code--after all these years!--so if you want to use the new routines, you will also need a new version of fsc_psconfig__define.pro. I'd get the whole damn library, since there have been a ton of changes in the past week or so.)

One feature of PS_END that you won't find in PSOFF is the ability to immediately convert IDL PostScript output to JPEG, PNG, or TIFF output, simply by setting the appropriate keyword. (Although I expect to see this functionality in PSOFF by the end of the day. :-)

In any case, if you want to have a look at the article, you can find it here:

http://www.dfanning.com/graphics_tips/weboutput.html

It has rather dramatic pictures, I think, of what normal PNG file output looks like, and the same output converted with ImageMagick. Clearly, there is no possible way I am ever returning to TVREAD. :-(

Cheers,

David

--

David Fanning, Ph.D.

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Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: plotting graphics for web pages
Posted by [pgrigis](#) on Tue, 20 May 2008 19:24:42 GMT

David Fanning wrote:

> Paul van Delst writes:

>

>> I assume you're pulling my whizzer here since I know I don't do anything that isn't

>> already known. Maybe it's just a convention thing on my part?

>

> Despite the fact that Paul thinks everyone knows how to produce

> IDL output for display on the Web and in Powerpoint slides, *I*

> didn't know it. So, as is my practice, I wrote it down so I

> won't forget it.

>

> Actually, I was slightly more ambitious than that, since I

> also wrote a couple of new programs for the Coyote Library

> while I was about it to make this even easier to accomplish.

> (I need lots of graphics for my web page, so I figured an

> up-front investment now would save me lots of time later.)

>

> In particular, I wrote my own version of Liam's wonderful

> programs PSON and PSOFF, called PS_START and PS_END because

> I am inordinately fond of PSConfig and hate to give that

> up. (One of the nicest programs I ever wrote, if you don't

> look at the code. And, incidentally, I found a bug in that

> code--after all these years!--so if you want to use the

> new routines, you will also need a new version of

> fsc_psconfig__define.pro. I'd get the whole damn library,

> since there have been a ton of changes in the past week or

> so.)

>

> One feature of PS_END that you won't find in PSOFF is

> the ability to immediately convert IDL PostScript output

> to JPEG, PNG, or TIFF output, simply by setting the

> appropriate keyword. (Although I expect to see this

> functionality in PSOFF by the end of the day. :-)

>

> In any case, if you want to have a look at the article,

> you can find it here:

>

> http://www.dfanning.com/graphics_tips/weboutput.html

>

> It has rather dramatic pictures, I think, of what normal

> PNG file output looks like, and the same output converted

> with ImageMagick. Clearly, there is no possible way I am

> ever returning to TVREAD. :-(

Nice, but I'll argue that you should make the font size of the contour
& colorbar

label 30-50% bigger. As a matter of fact, it is hard to discern

whether
the first contour is 256 or 268 or something like that from the
converted
image (while this is clearly readable in the Hershey font version).

Ciao,
Paolo

>
> Cheers,
>
> David
> --
> David Fanning, Ph.D.
> Fanning Software Consulting, Inc.
> Coyote's Guide to IDL Programming: <http://www.dfanning.com/>
> Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: plotting graphics for web pages
Posted by [David Fanning](#) on Tue, 20 May 2008 19:32:00 GMT
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pgrigis@gmail.com writes:

> Nice, but I'll argue that you should make the font size of the contour
> & colorbar
> label 30-50% bigger. As a matter of fact, it is hard to discern
> whether
> the first contour is 256 or 268 or something like that from the
> converted
> image (while this is clearly readable in the Hershey font version).

Easily configurable in the program. Paul and I have different
ideas about font size. This is something of a compromise. :-)

Cheers,

David

--

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Subject: Re: plotting graphics for web pages
Posted by [Brian Larsen](#) on Tue, 20 May 2008 19:45:59 GMT
[View Forum Message](#) <> [Reply to Message](#)

Thanks everyone for this great discussion. I also will not use tvread again (ok, that's a lie but... I'm lazy). I want to point out to those of us on macs that the build in ps converter does a better job than imagemagick. Sure you have to double click on the ps files but it does look better.

Cheers,

Brian

Brian Larsen
Boston University
Center for Space Physics
<http://people.bu.edu/balarsen/Home/IDL>

Subject: Re: plotting graphics for web pages
Posted by [pgrigis](#) on Tue, 20 May 2008 19:48:11 GMT
[View Forum Message](#) <> [Reply to Message](#)

David Fanning wrote:

> pgrigis@gmail.com writes:

>

>> Nice, but I'll argue that you should make the font size of the contour

>> & colorbar

>> label 30-50% bigger. As a matter of fact, it is hard to discern

>> whether

>> the first contour is 256 or 268 or something like that from the

>> converted

>> image (while this is clearly readable in the Hershey font version).

Don't we all love google-groups line wrapping ;-)

>

> Easily configurable in the program. Paul and I have different

> ideas about font size. This is something of a compromise. :-)

In any case, maybe this is a good time to point out that if one want a high resolution png image from the ps file, one should use

convert -density 300 file.ps -resize npixel file.png

To see why this is needed, convert any ps file with, say, 6 plots on it with & without the density option...

Ciao,
Paolo

>
> Cheers,
>
> David
> --
> David Fanning, Ph.D.
> Fanning Software Consulting, Inc.
> Coyote's Guide to IDL Programming: <http://www.dfanning.com/>
> Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: plotting graphics for web pages
Posted by [Paul Van Delst\[1\]](#) on Tue, 20 May 2008 19:52:02 GMT
[View Forum Message](#) <> [Reply to Message](#)

David Fanning wrote:

> pgrigis@gmail.com writes:
>
>> Nice, but I'll argue that you should make the font size of the contour
>> & colorbar
>> label 30-50% bigger. As a matter of fact, it is hard to discern
>> whether
>> the first contour is 256 or 268 or something like that from the
>> converted
>> image (while this is clearly readable in the Hershey font version).
>
> Easily configurable in the program. Paul and I have different
> ideas about font size. This is something of a compromise. :-)

My simple-minded approach to font sizes for web/ppt graphics is that if people can't read it clearly, then it's too small. I'm sure there's some sort of Graphic Design Golden Rule of ratios of font sizes that make things appear more aesthetically pleasing, but one doesn't like to see people leaning forward in their seats to read graphics (be they looking at their screen or a ppt presentation containing graphics.)

Unavoidable sometimes, I agree.

cheers,

paulv

Subject: Re: plotting graphics for web pages
Posted by [David Fanning](#) on Tue, 20 May 2008 20:02:11 GMT
[View Forum Message](#) <> [Reply to Message](#)

Paul van Delst writes:

> Unavoidable sometimes, I agree.

I find it's usually related to how long it's been since
you last visited the optometrist. :-(

Cheers,

David

--

David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: <http://www.dfanning.com/>
Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: plotting graphics for web pages
Posted by [David Fanning](#) on Tue, 20 May 2008 20:09:38 GMT
[View Forum Message](#) <> [Reply to Message](#)

pgrigis@gmail.com writes:

> In any case, maybe this is a good time to point out that if one
> want a high resolution png image from the ps file, one should use
>
> convert -density 300 file.ps -resize npixel file.png
>
> To see why this is needed, convert any ps file with, say, 6 plots
> on it with & without the density option...

Paolo,

The npixel seems to be causing me grief. I presume this
is suppose to be some kind of number. What number did you
have in mind?

Cheers,

David

--

David Fanning, Ph.D.
Fanning Software Consulting, Inc.

Subject: Re: plotting graphics for web pages
Posted by [pgrigis](#) on Tue, 20 May 2008 20:14:04 GMT
[View Forum Message](#) <> [Reply to Message](#)

David Fanning wrote:

> pgrigis@gmail.com writes:

>

>> In any case, maybe this is a good time to point out that if one
>> want a high resolution png image from the ps file, one should use
>>

>> convert -density 300 file.ps -resize npixel file.png

>>

>> To see why this is needed, convert any ps file with, say, 6 plots
>> on it with & without the density option...

>

> Paolo,

>

I should have specified that this is an integer number
specifying the width in pixel. Try 600, 800 or 1024.

If you give one number, it is the xsize,
and ysize is scaled automatically. Otherwise, you can
also specify something like 800x600

Ciao,

Paolo

> The npixel seems to be causing me grief. I presume this
> is suppose to be some kind of number. What number did you
> have in mind?

>

> Cheers,

>

> David

>

> --

> David Fanning, Ph.D.

> Fanning Software Consulting, Inc.

> Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

> Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: plotting graphics for web pages

Posted by [pgrigis](#) on Tue, 20 May 2008 20:15:08 GMT

[View Forum Message](#) <> [Reply to Message](#)

pgri...@gmail.com wrote:

> David Fanning wrote:

>> pgrigis@gmail.com writes:

>>

>>> In any case, maybe this is a good time to point out that if one

>>> want a high resolution png image from the ps file, one should use

>>>

>>> convert -density 300 file.ps -resize npixel file.png

>>>

>>> To see why this is needed, convert any ps file with, say, 6 plots

>>> on it with & without the density option...

>>

>> Paolo,

>>

See also:

<http://www.imagemagick.org/script/command-line-options.php#resize>

Paolo

> I should have specified that this is an integer number

> specifying the width in pixel. Try 600, 800 or 1024.

> If you give one number, it is the xsize,

> and ysize is scaled automatically. Otherwise, you can

> also specify something like 800x600

>

> Ciao,

> Paolo

>

>

>> The npixel seems to be causing me grief. I presume this

>> is suppose to be some kind of number. What number did you

>> have in mind?

>>

>> Cheers,

>>

>> David

>>

>> --

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>> Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: plotting graphics for web pages

Posted by [David Fanning](#) on Tue, 20 May 2008 20:29:51 GMT

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pgrigis@gmail.com writes:

- > I should have specified that this is an integer number
- > specifying the width in pixel. Try 600, 800 or 1024.
- > If you give one number, it is the xsize,
- > and ysize is scaled automatically. Otherwise, you can
- > also specify something like 800x600

The command line I tried is this:

```
convert -density 300 file.ps -resize 25% file.png
```

This gave me a PNG file of the size I was looking for.

Again, it is higher resolution, but is larger in size.

I've included all three files now in the article.

The first file is 15K, the second is 79K, and the third, with the command above, is 162K. Still not bad, but it is eating disk space as we speak. :-)

http://www.dfanning.com/graphics_tips/weboutput.html

Cheers,

David

--

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Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: plotting graphics for web pages

Posted by [Kenneth P. Bowman](#) on Tue, 20 May 2008 20:39:53 GMT

[View Forum Message](#) <> [Reply to Message](#)

In article <g0va52\$lu4\$1@news.nems.noaa.gov>,
Paul van Delst <Paul.vanDelst@noaa.gov> wrote:

- > My simple-minded approach to font sizes for web/ppt graphics is that if people can't read
- > it clearly, then it's too small. I'm sure there's some sort of Graphic Design Golden Rule
- > of ratios of font sizes that make things appear more aesthetically pleasing, but one
- > doesn't like to see people leaning forward in their seats to read graphics (be they
- > looking at their screen or a ppt presentation containing graphics.)

For presentations there is a simple rule of thumb -- print the slide on 8.5 x 11 or A4(?)

paper. Lay it on the floor at your feet and look at the slide while standing up. If you have a hard time reading the text (or discerning details of the graphics), it is too small.

Ken

Subject: Re: plotting graphics for web pages
Posted by [pgrigis](#) on Tue, 20 May 2008 20:48:10 GMT
[View Forum Message](#) <> [Reply to Message](#)

David Fanning wrote:

> pgrigis@gmail.com writes:
>
>> I should have specified that this is an integer number
>> specifying the width in pixel. Try 600, 800 or 1024.
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> I've included all three files now in the article.
> The first file is 15K, the second is 79K, and the
> third, with the command above, is 162K. Still not
> bad, but it is eating disk space as we speak. :-)

I'd suggest buying a few seagate or maxtor stocks
and stop worrying ;-)

Cheers,
Paolo

>
> http://www.dfanning.com/graphics_tips/weboutput.html
>
> Cheers,
>
> David
> --
> David Fanning, Ph.D.
> Fanning Software Consulting, Inc.
> Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

> Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: plotting graphics for web pages
Posted by [Paul Van Delst\[1\]](#) on Tue, 20 May 2008 20:59:54 GMT
[View Forum Message](#) <> [Reply to Message](#)

David Fanning wrote:

> pgrigis@gmail.com writes:

>

>> I should have specified that this is an integer number
>> specifying the width in pixel. Try 600, 800 or 1024.
>> If you give one number, it is the xsize,
>> and ysize is scaled automatically. Otherwise, you can
>> also specify something like 800x600

>

> The command line I tried is this:

>

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>

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> The first file is 15K, the second is 79K, and the

> third, with the command above, is 162K. Still not

> bad, but it is eating disk space as we speak. :-)

>

> http://www.dfanning.com/graphics_tips/weboutput.html

Very nice! I've never used the density option in IM - all the numbers in the third plot are readable.

Schweet.

cheers,

paulv

Subject: Re: plotting graphics for web pages
Posted by [Vince Hradil](#) on Tue, 20 May 2008 21:04:07 GMT
[View Forum Message](#) <> [Reply to Message](#)

On May 20, 3:29 pm, David Fanning <n...@dfanning.com> wrote:

> pgri...@gmail.com writes:

>> I should have specified that this is an integer number
>> specifying the width in pixel. Try 600, 800 or 1024.

>> If you give one number, it is the xsize,
>> and ysize is scaled automatically. Otherwise, you can
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> Fanning Software Consulting, Inc.
> Coyote's Guide to IDL Programming:<http://www.dfanning.com/>
> Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Have you tried the -quality flag?

<http://www.imagemagick.org/script/command-line-options.php#quality>

Subject: Re: plotting graphics for web pages
Posted by [Vince Hradil](#) on Tue, 20 May 2008 21:11:45 GMT
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On May 20, 4:04 pm, Vince Hradil <hrad...@yahoo.com> wrote:
> On May 20, 3:29 pm, David Fanning <n...@dfanning.com> wrote:
>
>> pgri...@gmail.com writes:
>>> I should have specified that this is an integer number
>>> specifying the width in pixel. Try 600, 800 or 1024.
>>> If you give one number, it is the xsize,
>>> and ysize is scaled automatically. Otherwise, you can
>>> also specify something like 800x600
>
>> The command line I tried is this:
>
>> `convert -density 300 file.ps -resize 25% file.png`
>

>> This gave me a PNG file of the size I was looking for.
>> Again, it is higher resolution, but is larger in size.
>> I've included all three files now in the article.
>> The first file is 15K, the second is 79K, and the
>> third, with the command above, is 162K. Still not
>> bad, but it is eating disk space as we speak. :-)
>
>> http://www.dfanning.com/graphics_tips/weboutput.html
>
>> Cheers,
>
>> David
>> --
>> David Fanning, Ph.D.
>> Fanning Software Consulting, Inc.
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>> Sepore ma de ni thui. ("Perhaps thou speakest truth.")
>
> Have you tried the -quality flag? <http://www.imagemagick.org/script/command-line-options.php#quality>

I did - saves you a few bytes:
convert weboutput_3.png -quality 100 weboutput_4.png <- 146 KB

Subject: Re: plotting graphics for web pages
Posted by [David Fanning](#) on Tue, 20 May 2008 21:12:43 GMT
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Vince Hradil writes:

> Have you tried the -quality flag?
> <http://www.imagemagick.org/script/command-line-options.php#quality>

I was hoping for something simple. I can already
envision wasting another day writing an interactive
IDL driver for all the ImageMagick options. :-(

Cheers,

David

--

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Subject: Re: plotting graphics for web pages
Posted by [David Fanning](#) on Tue, 20 May 2008 22:36:06 GMT
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Kenneth P. Bowman writes:

- > For presentations there is a simple rule of thumb -- print the slide on 8.5 x 11 or A4(?)
- > paper. Lay it on the floor at your feet and look at the slide while standing up.
- > If you have a hard time reading the text (or discerning details of the graphics),
- > it is too small.

Oh, dear. It's not just books I can't read any more,
now the middle distance is getting hazy. It won't be
long before I can blame all my tennis return-of-serve
problems on poor eyesight. :-(

Cheers,

David

--

David Fanning, Ph.D.

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Subject: Re: plotting graphics for web pages
Posted by [russell.grew](#) on Wed, 21 May 2008 04:19:35 GMT
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For the record, I save as .eps from IDL and then use ghostscript from
the command line [in linux].

eg:

```
gs -sDEVICE=png16m -sOutputFile=foo.png -dNOPAUSE -dBATC -dEPSCrop -  
r300x300 foo.eps
```

Other useful devices are pdfwrite, jpeg, tiff24nc.

The EPSCrop option only considers the .eps file inside the bounding
box.

The -r300x300 is resolution of 300 DPI.

Ghostscript is well useful.

Cheers.

Russell.

On May 21, 8:36 am, David Fanning <n...@dfanning.com> wrote:

> Kenneth P. Bowman writes:

>> For presentations there is a simple rule of thumb -- print the slide on 8.5 x 11 or A4(?)

>> paper. Lay it on the floor at your feet and look at the slide while standing up.

>> If you have a hard time reading the text (or discerning details of the graphics),

>> it is too small.

>

> Oh, dear. It's not just books I can't read any more,

> now the middle distance is getting hazy. It won't be

> long before I can blame all my tennis return-of-serve

> problems on poor eyesight. :-(

>

> Cheers,

>

> David

> --

> David Fanning, Ph.D.

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Subject: Re: plotting graphics for web pages

Posted by [R.G. Stockwell](#) on Wed, 21 May 2008 23:12:02 GMT

[View Forum Message](#) <> [Reply to Message](#)

Just wanted to say thanks for everyone on this thread.

Lots of useful info, and it turns out I needed it (urgently) today.

Cheers,

bob

Subject: Re: plotting graphics for web pages

Posted by [d.poreh](#) on Thu, 22 May 2008 07:46:17 GMT

[View Forum Message](#) <> [Reply to Message](#)

On May 20, 10:29 pm, David Fanning <n...@dfanning.com> wrote:

> pgri...@gmail.com writes:

>> I should have specified that this is an integer number

>> specifying the width in pixel. Try 600, 800 or 1024.

>> If you give one number, it is the xsize,
>> and ysize is scaled automatically. Otherwise, you can
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> David
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> David Fanning, Ph.D.
> Fanning Software Consulting, Inc.
> Coyote's Guide to IDL Programming:<http://www.dfanning.com/>
> Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Hi Dave
it is not work for me i have got an error:
CTLOAD,4....
i use IDL6.3
Cheers
Dave

Subject: Re: plotting graphics for web pages
Posted by [David Fanning](#) on Thu, 22 May 2008 12:12:35 GMT
[View Forum Message](#) <> [Reply to Message](#)

d.poreh@gmail.com writes:

> it is not work for me i have got an error:
> CTLOAD,4....

Humm. That file had an attitude and wouldn't get in there
with the rest of them. You can find it here:

<http://www.dfanning.com/programs/ctload.pro>

I've updated the coyoteprograms.zip file. Thanks for noticing.

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

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Sepore ma de ni thui. ("Perhaps thou speakest truth.")
