
Subject: Re: axis is too thin? - test.ps (0/1)
Posted by [R.Bauer](#) on Mon, 24 Jun 2002 15:42:34 GMT
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tom wrote:

>
> Hi,everybody, I puzzle why the axis is much thinner than the curve.
>
> x=[0,1,2] & y=[2,0,1]
> plot,x,y,thick=5
>
> would you please tell me how to make the axis thick?
>
> -Tom

Dear Tom

You have to set the xtick and ytick keywords too.

If you are interested in a plot environment which is mostly wysiwig between screen and printer you can have a look at.

http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_source/idl_html/idl_work_idl_work.examples.category.htm#6

regards

reimar

--

Reimar Bauer

Institut fuer Stratosphaerische Chemie (ICG-I)
Forschungszentrum Juelich
email: R.Bauer@fz-juelich.de

a IDL library at ForschungsZentrum Juelich

http://www.fz-juelich.de/icg/icg1/idl_icglib/idl_lib_intro.html
=====

Subject: Re: axis is too thin? - test.ps (0/1)
Posted by [Craig Markwardt](#) on Mon, 24 Jun 2002 19:35:54 GMT
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Reimar Bauer <r.bauer@fz-juelich.de> writes:

> tom wrote:

...
>> would you please tell me how to make the axis thick?
>>
>> -Tom
>
> Dear Tom
> You have to set the xtick and ytick keywords too.

Of course Reimar means XTHICK and YTHICK. While you are at it, you probably will want to set CHARTHICK too. I find that thickness values in the range of 4-6, while they look horrible on the screen, look very nice on printed output.

Craig

--

Craig B. Markwardt, Ph.D. EMAIL: craigmnet@cow.physics.wisc.edu
Astrophysics, IDL, Finance, Derivatives | Remove "net" for better response

Subject: Re: axis is too thin? - test.ps (0/1)
Posted by [air_jlin](#) on Mon, 24 Jun 2002 19:57:22 GMT
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hi Tom,

i've wondered too if there's a keyword in the plotting procedures to adjust axis thickness. what i currently do is directly change the system variable that affects axis thickness, namely:

```
!X.THICK = 2.5                    ;set x-axis line thickness  
!Y.THICK = 2.5                    ;set y-axis line thickness
```

hope this helps!

best,
-Johnny

Johnny Lin
CIRES, University of Colorado
Work Phone: (303) 735-1636
Web: <http://cires.colorado.edu/~johnny/>

tom <tom2959@21cn.com> wrote in message
news:<f3aehuk37i6coa9ujacejej35k0fcd5p0c@4ax.com>...
> Hi,everybody, I puzzle why the axis is much thinner than the curve.
>
> x=[0,1,2] & y=[2,0,1]
> plot,x,y,thick=5
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> -Tom

Subject: Re: axis is too thin? - test.ps (0/1)
Posted by [Vince Hradil](#) on Mon, 24 Jun 2002 19:57:49 GMT
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Craig Markwardt <craigmnet@cow.physics.wisc.edu> wrote in
news:on3cvcjwpx.fsf@cow.physics.wisc.edu:

>
> Reimar Bauer <r.bauer@fz-juelich.de> writes:
>
>> tom wrote:
> ...
>>> would you please tell me how to make the axis thick?
>>>
>>> -Tom
>>
>> Dear Tom
>> You have to set the xtick and ytick keywords too.
>
> Of course Reimar means XTHICK and YTHICK. While you are at it, you
> probably will want to set CHARTHICK too. I find that thickness values
> in the range of 4-6, while they look horrible on the screen, look very
> nice on printed output.
>
> Craig
>

Are you talking about PS output? The reason would be that the dpi is
very high in PS. see: http://www.dfanning.com/tips/ps_resolution.html

Subject: Re: axis is too thin? - test.ps (0/1)
Posted by [jeyadev](#) on Mon, 24 Jun 2002 20:37:59 GMT
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In article <67bd2f4f.0206241157.39b7d868@posting.google.com>,

Johnny Lin <air_jlin@yahoo.com> wrote:

> hi Tom,

>

> i've wondered too if there's a keyword in the plotting procedures to

> adjust axis thickness. what i currently do is directly change the

> system variable that affects axis thickness, namely:

>

> !X.THICK = 2.5 ;set x-axis line thickness

> !Y.THICK = 2.5 ;set y-axis line thickness

Back in the good old days of very low resolution printers, thickness set to 1.0 worked very well on the screen and on paper. But, as all our printers began to be "600 dpi" printers, everything got narrower and narrower and fainter and fainter. Eventually, we just wrote a couple of procedures: SETX and SETPS. Now, we just run SETPS before writing to a *printing* Postscript file (*not* EPS!), write the file, and then run SETX to get back to the screen.

If you are going to be creating hardcopies a lot, and from within procedures, you may find this useful.

--

Surendar Jeyadev jeyadev@wrc.xerox.bounceback.com

Remove 'bounceback' for email address

Subject: Re: axis is too thin? - test.ps (0/1)

Posted by [R.Bauer](#) on Tue, 25 Jun 2002 07:13:04 GMT

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Craig Markwardt wrote:

>

> Reimar Bauer <r.bauer@fz-juelich.de> writes:

>

>> tom wrote:

> ...

>>> would you please tell me how to make the axis thick?

>>>

>>> -Tom

>>

>> Dear Tom

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> Of course Reimar means XTHICK and YTHICK. While you are at it, you

> probably will want to set CHARTHICK too. I find that thickness values

> in the range of 4-6, while they look horrible on the screen, look very

> nice on printed output.

oh yes, I am laughing at the moment. What's a mistake.

Reimar

>

> Craig

>

> --

> -----

> Craig B. Markwardt, Ph.D. EMAIL: craigmnet@cow.physics.wisc.edu

> Astrophysics, IDL, Finance, Derivatives | Remove "net" for better response

> -----

--

Reimar Bauer

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email: R.Bauer@fz-juelich.de

 a IDL library at ForschungsZentrum Juelich

http://www.fz-juelich.de/icg/icg1/idl_icglib/idl_lib_intro.h tml

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