
Subject: Re: Scale Limits

Posted by [lecacheux.alain](#) on Fri, 18 Jan 2013 11:21:47 GMT

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Le vendredi 18 janvier 2013 10:38:03 UTC+1, mark...@gmail.com a écrit :

> One thing I've failed to find in all the interactivity of function graphics is how to change the scale limits of an axis without re-plotting or simply reissuing an `axis.xrange=[0,10]` command. Can the axis limits not be changed using the property menus for a function graphic?

>

>

>

> Also, how come you can't dynamically change an axis from linear to logarithmic using the function graphics property menus?

Sure, it can. Try, for example:

```
pl = plot(/TEST)
(pl.axes)[0].XRANGE=[1,100] ;change axis range
(pl.axes)[0].LOG = 1       ;change to log scale.
```

alain.

Subject: Re: Scale Limits

Posted by [markjamie](#) on Fri, 18 Jan 2013 13:25:35 GMT

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Thanks for your reply, however, I was thinking of the property menus you get when clicking on items in the function graphics window.

You can change fonts, font size, line width, text etc but not scale details.

Subject: Re: Scale Limits

Posted by [Mark Piper](#) on Fri, 18 Jan 2013 15:07:38 GMT

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On Friday, January 18, 2013 6:25:35 AM UTC-7, mark...@gmail.com wrote:

> Thanks for your reply, however, I was thinking of the property menus you get when clicking on items in the function graphics window.

>

>

>

> You can change fonts, font size, line width, text etc but not scale details.

Yeah, I see -- when you call a NG routine from the command line, the "Logarithmic axis" property is disabled. I'll look into this.

mp

Subject: Re: Scale Limits

Posted by [markjamie](#) on Fri, 18 Jan 2013 15:27:57 GMT

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Cheers

Also is it possible to change the min / max of the scales independently from the property box? You can zoom with the mouse wheel but that changes both scales, not just one

Subject: Re: Scale Limits

Posted by [Mark Piper](#) on Tue, 22 Jan 2013 15:42:22 GMT

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On Friday, January 18, 2013 8:27:57 AM UTC-7, mark...@gmail.com wrote:

>

> Also is it possible to change the min / max of the scales independently from the property box? You can zoom with the mouse wheel but that changes both scales, not just one

I've put in a feature request to toggle log axes from the NG property sheet. I also like the idea of zooming along a selected axis with the mouse wheel; I'll talk with Chris about this.

mp
