Subject: Setting axes range in function graphics
Posted by wlandsman on Wed, 26 Feb 2014 19:30:51 GMT
View Forum Message <> Reply to Message

I am embarrassed to ask this simple question, especially since I already asked it a couple of years ago (but I can't locate the question/answer in Google groups).

How does one set the axis range in function graphics?   I know you can set the xrange property

IDL> p = plot(indgen(10))
IDL> p.xrange = [2,6]

but how does one do this graphically?   If I double click on the plot, or click on the "Properties..." button, I get a list of properties but axis range is not among them.   Similarly, if I click on one of the axes I get a list of axis properties but axis range is not among them.   There is a "Reset Axis Range" button which is great, if I could ever figure out how to set the axis range in the first place.

Ideally, I would be able set the X/Y ranges using the cursor (i.e. draw a box over the desired plot range), though I don't remember this capability being mentioned in the previous answer.

Thanks, --Wayne

Subject: Re: Setting axes range in function graphics
Posted by Bill Nel on Wed, 26 Feb 2014 21:46:35 GMT
View Forum Message <> Reply to Message

On Wednesday, February 26, 2014 2:30:51 PM UTC-5, wlandsman wrote:

> Ideally, I would be able set the X/Y ranges using the cursor (i.e. draw a box over the desired plot range), though I don't remember this capability being mentioned in the previous answer.

I believe you'll have to make do with a combination of pan (press and hold the middle mouse button) and zoom (scroll wheel, after optionally selecting a single axis). See the "Graphics Window Interface" section in the online help.

Subject: Re: Setting axes range in function graphics
Posted by wlandsman on Wed, 26 Feb 2014 23:52:55 GMT
View Forum Message <> Reply to Message

On Wednesday, February 26, 2014 4:46:35 PM UTC-5, ri...@crd.ge.com wrote:
> On Wednesday, February 26, 2014 2:30:51 PM UTC-5, wlandsman wrote:

>
> I believe you'll have to make do with a combination of pan (press and hold the middle mouse button) and zoom (scroll wheel, after optionally selecting a single axis). See the "Graphics

Window Interface" section in the online help.

Actually, "pan' is just what I need - drawing a box to define a new X and Y range.   As a Macbook user, I sometimes forget that I have a middle mouse button (Shift + click).   Thanks! --Wayne

---

Subject: Re: Setting axes range in function graphics
Posted by Bill Nel on Thu, 27 Feb 2014 00:05:24 GMT
View Forum Message <> Reply to Message

On Wednesday, February 26, 2014 6:52:55 PM UTC-5, wlandsman wrote:
> On Wednesday, February 26, 2014 4:46:35 PM UTC-5, ri...@crd.ge.com wrote:
>
>> On Wednesday, February 26, 2014 2:30:51 PM UTC-5, wlandsman wrote:
>
>
>
>>
>
>> I believe you'll have to make do with a combination of pan (press and hold the middle mouse button) and zoom (scroll wheel, after optionally selecting a single axis). See the "Graphics Window Interface" section in the online help.
>
>
>
> Actually, "pan' is just what I need - drawing a box to define a new X and Y range.   As a Macbook user, I sometimes forget that I have a middle mouse button (Shift + click).   Thanks! --Wayne

I gave in and bought a three-button mouse for mine :-)