Subject: normal, relative and ellipse
Posted by Helder Marchetto on Thu, 19 Feb 2015 23:39:22 GMT
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Hi,
I just thought that I found a bug, but then I though about it again and well... I stopped after a while. Can anybody explain me this:

i = image(/test, image_dimensions=[500,500], dimensions=[500,500])
e1 = ellipse(0.5,0.5,major=0.5,minor=0.5, fill_transparency=50,fill_color='red',/norm,target=i, /relative)
e2 = ellipse(0.5,0.5,major=0.5,minor=0.5, fill_transparency=50,fill_color='yellow',/norm,target=i, /relative)

now rescale the window and change the window aspect ratio (make it for example larger).

e2 = ellipse(0.5,0.5,major=0.5,minor=0.5, fill_transparency=50,fill_color='yellow',/norm,target=i, /relative)

I would have expected e1 and e2 to be the same. According to the documentation for target: "Set this keyword to indicate that the input arguments are specified in normalized [0,1] coordinates, relative to the axis range of the TARGET's dataspace."

What is the reason for this behavior? Bug or feature?

Thanks,
Helder

Subject: Re: normal, relative and ellipse
Posted by chris_torrence@NOSPAM on Fri, 20 Feb 2015 15:27:13 GMT
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On Thursday, February 19, 2015 at 4:39:23 PM UTC-7, Helder wrote:
> Hi,
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> What is the reason for this behavior? Bug or feature?
>
> Thanks,
> Helder

I think /NORM and /RELATIVE are mutually exclusive. Try getting rid of the /NORM for your two ellipse calls.

-Chris

Subject: Re: normal, relative and ellipse
Posted by Helder Marchetto on Wed, 25 Feb 2015 09:39:08 GMT
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Hi Chris,
thanks, that worked. Now (I think) I understand what that sentence in the documentation meant.
Helder

On Friday, February 20, 2015 at 4:27:18 PM UTC+1, Chris Torrence wrote:
> On Thursday, February 19, 2015 at 4:39:23 PM UTC-7, Helder wrote:
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