
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 thought 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
