
Subject: Turning Axis Labelling Off
Posted by [g.nacarts](#) on Wed, 03 Dec 2014 16:11:05 GMT
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Hi

I am using the `cgimage` function to display my images. I draw the axis on top of my images, but I don't want the axis to be labelled. I used the following code

```
cgimage, Im1, /AXES, AXKeywords={XTickLen:1.0, YTickLen:1.0, axiscolor:'blue', xminor:1,
ymenor:1, xtickinterval:30, ytickinterval:30}, /SAVE, Position=pos[*,0]
```

I tried the `XTICKFORMAT` keyword but is not allowed to the `cgimage` function.

How can I turn axis labelling off? Can anyone please help with this?

Subject: Re: Turning Axis Labelling Off
Posted by [vaibhavpant55](#) on Wed, 03 Dec 2014 18:25:25 GMT
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On Wednesday, December 3, 2014 9:41:08 PM UTC+5:30, g.na...@gmail.com wrote:

> Hi
>
> I am using the `cgimage` function to display my images. I draw the axis on top of my images, but I don't want the axis to be labelled. I used the following code
>
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>
> I tried the `XTICKFORMAT` keyword but is not allowed to the `cgimage` function.
>
> How can I turn axis labelling off? Can anyone please help with this?

I use `[x,y,z]tickname` to suppress labeling of axis. I never used them with `CGimage` function. Set `[x,y,z]tickname` to a string array with same size as the number of ticks in that axis. Element of string array should be a SPACE Eg.

```
x=fltarr(256,256)
plot_image,x,xticklen=replicate(' ',6),yticklen=replicate(' ',6)
```

Vaibhav Pant
Indian Institute Of Astrophysics
India

Subject: Re: Turning Axis Labelling Off

Posted by [vaibhavpant55](#) on Wed, 03 Dec 2014 18:46:32 GMT

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On Wednesday, December 3, 2014 11:55:28 PM UTC+5:30, Vaibhav Pant wrote:

> On Wednesday, December 3, 2014 9:41:08 PM UTC+5:30, g.na...@gmail.com wrote:

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>>

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>>

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>>

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>>

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>

>

> I use [x,y,z]tickname to suppress labeling of axis. I never used them with CGImage function.

> Set [x,y,z]tickname to a string array with same size as the number of ticks in that axis. Element of string array should be a SPACE Eg.

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> x=fltarr(256,256)

> plot_image,x,xticklen=replicate(' ',6),yticklen=replicate(' ',6)

>

> Vaibhav Pant

> Indian Institute Of Astrophysics

> India

Sorry, there is a mistake. It should be

plot_image,x,xtickname=replicate(' ',6),ytickname=replicate(' ',6)

Vaibhav Pant

Subject: Re: Turning Axis Labelling Off

Posted by [Phillip Bitzer](#) on Wed, 03 Dec 2014 18:57:02 GMT

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On Wednesday, December 3, 2014 10:11:08 AM UTC-6, g.na...@gmail.com wrote:

> Hi

>

> I am using the cgimage function to display my images. I draw the axis on top of my images, but I don't want the axis to be labelled. I used the following code

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> cgimage, lm1, /AXES, AXKeywords={XTickLen:1.0, YTickLen:1.0, axiscolor:'blue', xminor:1, yminor:1, xtickinterval:30, ytickinterval:30}, /SAVE, Position=pos[*,0]

>
> I tried the XTICKFORMAT keyword but is not allowed to the cgimage function.
>
> How can I turn axis labelling off? Can anyone please help with this?

You can do it via the tickname keyword (like Valibhav said) or tickformat.

cgimage, Im1, /AXES, AXKeywords={XTickFormat:'(A1)'}

https://www.idlcoyote.com/tips/axis_label_off.html

Subject: Re: Turning Axis Labelling Off

Posted by [g.nacarts](#) on Wed, 03 Dec 2014 21:22:50 GMT

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Thank you very much :)
