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Subject: cgimage/overlaid grid

Posted by [g.nacarts](#) on Fri, 28 Nov 2014 11:32:33 GMT

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Hi all

I wanted to plot grid overlaid my TWO images and I used the following code:

```
cgImage, Im1, /AXES, AXKeywords={XTicklen:1.0, YTickLen:1.0, axiscolor:'red8', xminor:1, yminor:1, xtickinterval:30, ytickinterval:30}, position=[0.0,0.0,0.5,1.0]
```

```
cgImage, Im2, /AXES, AXKeywords={XTicklen:1.0, YTickLen:1.0, axiscolor:'red8', xminor:1, yminor:1, xtickinterval:30, ytickinterval:30, ytickname:REPLICATE(' ', 31)}, position=[0.5,0.0,1.0,1.0], /noerase
```

Now I have SIX images and I used the following:

```
cgImage, Im1,/SAVE,Position=pos[*,0]
cgImage, Im2, Position=pos[*,1],/SAVE, /NOERASE
cgImage, Im3,Position=pos[*,2], /Save, /NoErase
cgImage, Im4,Position=pos[*,3],/Save, /NoErase
cgImage, Im5, Position=pos[*,4],/Save, /NoErase
cgImage, Im6,Position=pos[*,5],/Save, /NoErase
```

I want to plot the grid on the second and third images. I combined my codes as shown below but because I duplicate the keyword position I got an error.

```
cgImage, Im2, Position=pos[*,1],/AXES, AXKeywords={XTicklen:1.0, YTickLen:1.0, axiscolor:'red8', xminor:1, yminor:1, xtickinterval:30, ytickinterval:30}, position=[0.0,0.0,0.5,1.0], /SAVE, /NOERASE
cgImage, Im3,Position=pos[*,2],/AXES, AXKeywords={XTicklen:1.0, YTickLen:1.0, axiscolor:'red8', xminor:1, yminor:1, xtickinterval:30, ytickinterval:30, ytickname:REPLICATE(' ', 31)}, position=[0.5,0.0,1.0,1.0], /Save, /NoErase
```

Can anyone help with this?

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Subject: Re: cgimage/overlaid grid

Posted by [g.nacarts](#) on Fri, 28 Nov 2014 16:25:39 GMT

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OK, I found my mistake. I duplicate the keyword for no reason. I sorted that out.

I was wondering if there is a way to hide the numbers on x and y-axes and keep just the line.

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