
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?
