
Subject: Transparent series of images with axis using cgImage

Posted by [Petros Syntelis](#) on Fri, 21 Mar 2014 13:01:23 GMT

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Hi everybody,

I am trying create three images with axis in a row, and overplot above them a transparent image. I have a code like this that works fine in the 'X' window case

```
cgimage, im1 , xr=[..],yr=[..],/axis, /keep ,pos=pos  
loadct,3  
cgimage, im2 , xr=[..],yr=[..],/axis, /axis, transparent=transparent, /over,pos=pos
```

...

and is followed by two other similar sets of plots with different position vectors.

When i want to print this to ps. according to the instructions here

https://www.idlcoyote.com/ip_tips/transparentpng.php

, I have to provide a background image.

Now, if i do the trick described in the documentation, and write the code as

```
cgDisplay, /Pixmap  
cgimage, im1 , xr=[..],yr=[..],/axis, /keep ,pos=pos  
bgimage1 = cgSnapshot()  
WDelete
```

...

for all three cases, and pass the bgimages to AlphaBackgroundImage, like

```
cgps_open ...  
cgimage, im1 , xr=[..],yr=[..],/axis, /keep ,pos=pos  
loadct,3  
cgimage, im2 , xr=[..],yr=[..],/axis, /axis, transparent=transparent, /over,pos=pos,  
AlphaBackgroundImage=bgimage1
```

...

```
cgps_close
```

I have the following problems:

a) The background images does not match the size of the transparent images in the ps file.

b) The characters in the axis are different

which both of them arise i think from the fact that the window size does not match the ps window file.

Has anybody tried to create transparent images with axis and done it correctly?

Regards,

