
Subject: Postscript trap

Posted by [David B](#) on Tue, 02 Jun 2015 15:42:38 GMT

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Hello all,

so I have been outputting results into a postscript, suppose we have the following

```
device, file = 'test'+string(format='(I003)', j+1 )+'.ps', $
xsize=width, ysize=height, landscape=0, /color,bits_per_pixel=8, /helvetica, $
  encapsulated=0, xoffset=margin, yoffset=margin
```

I can then use `cgtext` like this to position any strings:

```
cgtext, 0.05, 0.65, 'Whatever', /normal, charthick=th, charsize = charsize
```

Notice I am working in normalised coordinates.

But then if I decide to plot an image like this:

```
map_pos = [0.58, 0.70, 0.98, 0.98]
```

```
cgimage, lcut, position = map_pos, oposition = map_outs, /noerase, /keep_aspect
```

```
;Axes
```

```
imcontour, lcut, lcuthdr, /NODATA, position = map_outs, /noerase, $
  charsize = charsize * 0.75, type = 1, subtitle = ''
```

Then I become trapped into the coordinate and positioning system used by the graphic only, I can no longer position my text outside of the image or its axis without doing everything relative to that image.

If I then use a:

```
cgtext, 0.05, 0.65, 'whatever'
```

then this text is no longer relative to the page, but relative to the image axes.

How can I escape this problem and return to my 'top level' coordinate system without having to revert to awful device coordinates, or will I just have to shut up and use the device coordinates?

Thanks

David
