
Subject: Re: positioning a TV image within plotting region
Posted by [David Fanning](#) on Wed, 05 Oct 2011 18:06:07 GMT
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Matthew writes:

```
> Just a quick note... unless the aspect ratio of the postscript file is
> the same as that of the display (e.g. as is the case when using
> psCONFIG()), the variable pixel size will make the initial problem
> here persist. To fix the problem,
>
> x_size_old = !d.x_size
> y_size_old = !d.y_size
> set_plot, 'PS'
>
> x_size_ps = !d.x_size
> y_size_ps = !d.y_size
>
> px_size_x = x_size_ps / x_size_old
> px_size_y = y_size_ps / y_size_old
>
> position[0] = floor(position[0] * !d.x_vsize)
> position[1] = floor(position[1] * !d.y_vsize)
> position[2] = ceil(position[2] * !d.x_vsize)
> position[3] = ceil(position[3] * !d.y_vsize)
> xsize = (position[2] - position[0]) - px_size_x
> ysize = (position[3] - position[1]) - px_size_y
> xstart = position[0] + px_size_x
> ystart = position[1] + px_size_y
>
>
> This has worked so far...
```

Humm. I don't see how. :-)

Cheers,

David

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Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>
Sepore ma de ni thui. ("Perhaps thou speakest truth.")
