
Subject: Re: Map Function Question

Posted by [David Fanning](#) on Thu, 19 Apr 2012 12:35:23 GMT

[View Forum Message](#) <> [Reply to Message](#)

alx writes:

```
> Well, it seems that the IMAGE function implicitly uses ASPECT_RATIO=1
> and then adjust the position.
> You can get the correct position by forcing ASPECT_RATIO=0 in the
> call.
>
> im = IMAGE(scaledData, x, y, RGB_TABLE=rgb, XRANGE=xrange,
> YRANGE=yrange, GRID_UNITS='degrees', POSITION=[0.1,0.1,0.9,0.9])
> print,im.convertCoord(x[0],y[0],/DATA,/TO_NORMAL)
>    0.10000000    0.24925925    0.00000000
> im = IMAGE(scaledData, x, y, RGB_TABLE=rgb, ASPECT_RATIO=0,
> XRANGE=xrange, YRANGE=yrange, GRID_UNITS='degrees',
> POSITION=[0.1,0.1,0.9,0.9])
> print,im.convertCoord(x[0],y[0],/DATA,/TO_NORMAL)
>    0.10000000    0.10000000    0.00000000
>
> One more thing being not clearly documented and which cannot be
> guessed !
```

Well, putting ASPECT_RATIO=0 in the call certainly changes the aspect ratio to *something*, although God only knows what it is. It is certainly not to what I asked for. And, whatever it is, the map I'm trying to put on top of the image seems to ignore it, too.

Tell me again how you are using these routines to do science. It does seem a wonder to me!

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>

Sepore ma de ni thui. ("Perhaps thou speakest truth.")
