
Subject: Re: map_set without any grid lines

Posted by [David Fanning](#) on Thu, 19 Jun 2014 01:19:20 GMT

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robert.vorburger@gmail.com writes:

```
>
> I didn't... here's the corresponding excerpt from my code:
>
> map_set, /orthographic, -53, 191, 0, $ azimuthal, lambert
>   /grid, latdel=30, lonel=30, /isotropic
>
> clr_0= bytscl(map, max=max(map), min=min(map), top=254)
>
>
> for i=0,size_map[1]-1 do begin
>   for j=0,size_map[2]-1 do begin
>     polyfill, i + [-0.5,0.5,0.5,-0.5], $
>       j-90 + [-0.5,-0.5,0.5,0.5], $
>       color=clr_0[i, j]
>   endfor
> endfor
>
> map_grid, latdel=10, lonel=10, glinethick=1, glinestyle=2
> map_grid, latdel=30, lonel=30, glinethick=4, glinestyle=0
>
> map_set, /orthographic, 0, 0, 0, $
>   glinethick=0, /isotropic, /advance
>
> the second map_set plots a grid even without the /grid keyword...
>
> p.s: the idea behind this is to overplot an ellipse for which I need to reset the map, because I
> want to plot the ellipse on the southern hemisphere of the globe but don't want it to be 'distorted'...
>
> p.p.s: I am using the ellipse function you give to one of the questions on your website. thank
> you for that!
```

Well, then, don't set the GLINETHICK keyword!

This code doesn't draw a grid on the second plot:

```
window, xs=800, ys=400
!p.Multi=[0,2,1]
map_set, /orthographic, -53, 191, 0, $
  /grid, latdel=30, lonel=30, /isotropic

map_grid, latdel=10, lonel=10, glinethick=1, glinestyle=2
map_grid, latdel=30, lonel=30, glinethick=4, glinestyle=0
```

```
map_set, /orthographic, 0, 0, 0, /isotropic, /advance  
map_continents  
!P.Multi=0  
END
```

--

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