
Subject: Re: quick question to get me started on mapping
Posted by [David Fanning](#) on Fri, 06 Aug 2010 14:37:21 GMT
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a writes:

> I have a list
>
> lon1,lat1,name1
> lon2,lat2,name2
> etc
>
> and I want to plot the names at their lat/lon positions on a map of
> the world with country boundaries included
>
> this must be pretty simple, no?

Yes. :-)

Map_Set, /Cylindrical, /Continents
XYOUTS, lon, lat, name, ALIGN=0.5

Cheers,

David

--

David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: <http://www.dfanning.com/>
Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: quick question to get me started on mapping
Posted by [oxfordenergyservices](#) on Fri, 06 Aug 2010 15:44:59 GMT
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On 6 Aug, 15:37, David Fanning <n...@dfanning.com> wrote:

> a writes:
>> I have a list
>>
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>
> Yes. :-)
>
> Map_Set, /Cylindrical, /Continents
> XYOUTS, lon, lat, name, ALIGN=0.5
>

Thanks David (again!)

Any idea if there are more detailed datasets out there that I can for example

; Overplot coastline data:
MAP_CONTINENTS, /CITIES, COLOR=black

or some topographic color data so the maps look more professional?

And if the xyouts are too close to each other then the text overlaps.
I imagine writing something to stop this is going to be pretty hard
unless it exists already?

Cheers

Russ

Subject: Re: quick question to get me started on mapping
Posted by [mankoff](#) on Fri, 06 Aug 2010 16:03:16 GMT
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On Aug 6, 8:44 am, a <oxfordenergyservi...@gmail.com> wrote:
>
> Any idea if there are more detailed datasets out there that I can for
> example
>
> ; Overplot coastline data:
> MAP_CONTINENTS, /CITIES, COLOR=black
>
> or some topographic color data so the maps look more professional?
>
> And if the xyouts are too close to each other then the text overlaps.
> I imagine writing something to stop this is going to be pretty hard
> unless it exists already?
>
> Cheers

>
> Russ

It exists in the form of Google Earth. Put your data there, and if things are clustered together GE will take care of it. You can also use their Level of Detail so that things (dis)appear at a given zoom level(s).

-k.
