
Subject: Re: Extract Data from Point on Plot
Posted by [David Fanning](#) on Thu, 05 Feb 2009 21:32:22 GMT
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mrjejones@gmail.com writes:

> I appreciate your help. I've read and use gobs of information from
> your website and turned the Coyote library documentation into a PDF
> (very handy). I'm going to read everything you said to but meanwhile I
> had found this procedure "MAP_PROJ_INVERSE". What you described is
> exactly what I want so I may ditch the map_proj.

Yes, MAP_PROJ_INVERSE and MAP_PROJ_FORWARD are your friends.
Just be **absolutely** sure you call MAP_PROJ_INIT each and
every time before you use them. That is to say, do NOT
rely on calling MAP_PROJ_INIT once and reusing the
map structure from that call in these other two routines.
The documentation will lead you to believe it works that
way, but it doesn't.

http://www.dfanning.com/map_tips/ephemeral.html

I use the MAPCOORD object in the Catalyst Library for these
sorts of projects. When I ask the MAPCOORD object for the
map structure (which I want to use, for example, in
MAP_PROJ_INVERSE) then it will automatically call
MAP_PROJ_INIT to create the map structure de novo.
Very handy.

> Thanks for all the assistance you give the IDL community.

You are very kind. Thank you. :-)

Cheers,

David

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David Fanning, Ph.D.
Coyote's Guide to IDL Programming (www.dfanning.com)
Sepore ma de ni thui. ("Perhaps thou speakest truth.")
