
Subject: Re: IDL5.2: map_proj_info

Posted by [Andy Loughe](#) on Thu, 10 Dec 1998 08:00:00 GMT

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David Fanning wrote:

>
>
> The MAP_PROJ_INFO routine returns information about the current map and/or the
> available projection. Mapping parameters should be setup via a call to MAP_SET
> before using MAP_PROJ_INFO.

It sounds like this is an informational routine, but for most of the keywords listed I am asked to give (or set) a value. I don't quite understand that.

I could not find help for map_proj_info by viewing the alphabetical listings. Apparently the routine is embedded within map_set.pro. I am running IDL 5.2 on a Sun Solaris system.

Thanks for sending the help file. :-)

>
> Calling Sequence
>
> Result = MAP_PROJ_INFO [, iproj]
>

Does this calling sequence work for you?
If so, that would be great-- for an informational routine could simply pass into "Result" a structure variable from which "information" is gleaned. Unfortunately, I don't think map_proj_info works that way. Please educate me if I am wrong (is that fee-based?).

> LL_LIMITS
>
> The geocoordinate rectangle of the current map in degrees (Lonmin, Latmin,
> Lonmax, Latmax). This range may not always be available, especially if the
> LIMIT keyword was not specified in the call to MAP_SET. If either or both the
> longitude and latitude range are not available, the minimum and maximum values
> will be set to zero.

This is unfortunate. In IDL, limits are normally given by [latmin,lonmin,latmax,lonmax].

It seems like this particular keyword is nearly useless if
I must provide the necessary limits in a call to map_set anyway.

>
> [Note: This follow-up was e-mailed to the cited author.]

Ditto.

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"I do not feel obliged to believe that the same God who has endowed us with
sense, reason, and intellect has intended us to forego their use." -Galileo
