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 SequenceResult = 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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[&]quot;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