
Subject: Re: MAP_SET vs MAP_PROJ_*
Posted by [KM](#) on Wed, 16 Feb 2005 22:15:01 GMT
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On Wed, 16 Feb 2005, Gadhavi wrote:

> I am looking for a way to change the map projection for the data
> given in one projection. It seems that it is straight forward job
> with Map_proj_image routine but unfortunately I am still using
> older version of IDL (5.6) in which this routine is not available.
> I will highly appreciate it if some one can show way out from the
> problem I have mentioned in my earlier message. Even reference to
> the similar post will do.

Hi Gadhavi,

I've noticed the silent non-replies to your questions. This newsgroup is usually very helpful, so I think maybe you cannot do what you want easily. I can think of a few options:

1) Take the MAP_PROJ_* routines from an IDL 6.1 install and get them working in 5.6. Maybe this just involves compiling them, maybe it is impossible.

2) Upgrade to 6.0 or 6.1 or whatever version supports your routines. Note that if you just need to convert 1 file 1 time or something like that, maybe you could do all the required work in < 7 minutes. If this is the case, you can do it with the free demo/trial version. I think writing to files is disabled, but print your data to screen, then cut and paste.

3) Find the equations to convert from your current projection (Integerized Sinusoidal projection?), and then hand-code a reverse lookup, or hand-code a conversion from that to a projection that is easier to deal with (Cylindrical/Equirectangular).

4) Find a different piece of software to solve your problem. If you want/need to use IDL for other parts, then do suggestion 3 with different software, then continue in IDL.

Good luck,

-k.

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