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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