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Subject: Re: how to initialize a projection from its specification?

Posted by [David Fanning](#) on Wed, 17 Apr 2013 17:24:49 GMT

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nata writes:

>

> Hi David,

>

> I will take a look to your routine cgWarpToMap, it could be a solution to my problem. On the other hand, I would like to be able to initialize the map structure from the information I provided in the link. Is it possible? If so, I will be able to use MAP\_PROJ\_IMAGE and get the analytical solution.

Sure it is possible. I don't know what Latin1 and Latin2 mean in that link, but possibly they are related to the standard parallels you need for the Lambert Conformal projection. To set the limits of the map projection, you are going to need to know values (either in XY projected meters or lat/lon) of the sides of the grid, and they give you the corners of the grid, so you will have to do some work there.

I'd probably project the corners of the grid to XY meters and work with those values to find the values I need. You can calculate the values from the grid spacing and the size of the image.

Cheers,

David

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Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>

Sepore ma de ni thue. ("Perhaps thou speakest truth.")

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