
Subject: SOM and GCTP

Posted by [Bruce Bowler](#) on Wed, 30 May 2012 14:26:43 GMT

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Looking for examples of using GCTP calls to convert from SOM(x,y) to Lat/
Lon and vise-versa so I don't have to re-invent the wheel.

Thanks!

Bruce

Subject: Re: SOM and GCTP

Posted by [ben.bighair](#) on Thu, 31 May 2012 15:43:27 GMT

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On May 30, 10:26 am, Bruce Bowler <bbow...@bigelow.org> wrote:

> Looking for examples of using GCTP calls to convert from SOM(x,y) to Lat/
> Lon and vise-versa so I don't have to re-invent the wheel.

>

> Thanks!

> Bruce

Hi Bruce,

MAP_PROJ_INIT describes setting up the !MAP structure by specifying a
number of SOM_xyz parameters. I don't know anything about SOM, but in
general if you can get your projection stuff initialized then you can
swap back and forth between coordinate systems using
MAP_PROJECT_FORWARD and MAP_PROJECT_INVERSE.

Is that helpful or totally useless?

Cheers,

Ben

Subject: Re: SOM and GCTP

Posted by [Bruce Bowler](#) on Thu, 31 May 2012 17:23:21 GMT

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On Thu, 31 May 2012 08:43:27 -0700, ben.bighair wrote:

> On May 30, 10:26 am, Bruce Bowler <bbow...@bigelow.org> wrote:

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>>

>> Thanks!
>> Bruce
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> Hi Bruce,
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> number of SOM_xyz parameters. I don't know anything about SOM, but in
> general if you can get your projection stuff initialized then you can
> swap back and forth between coordinate systems using MAP_PROJECT_FORWARD
> and MAP_PROJECT_INVERSE.
>
> Is that helpful or totally useless?
>
> Cheers,
> Ben

Probably completely helpful. I just wish the IDL "documentation" had more complete examples in it :-)

Bruce
