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Subject: Re: Plot curved line on a globe projection  
Posted by [Sir Loin Steak](#) on Sun, 28 Jul 2013 20:45:32 GMT  
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On Sunday, 28 July 2013 21:36:53 UTC+1, David Fanning wrote:

> ljs15@fsmail.net writes:

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>

>> On a similar topic, does anyone know of a method which would allow a circle to be plotted on a globe, from a specification of the central lat/lon location and the radius?

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>

>

> In general, the way this would be done is to work in projected meter

>

> space, not lat/lon space. Then, the equation of a circle is trivial. If

>

> you \*have\* to plot in lat/lon you can inverse transform your circle

>

> points from projected meter space to lat/lon space.

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> The cgMap object always works in projected meter space. :-)

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> Cheers,

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> David

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> David Fanning, Ph.D.

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> Fanning Software Consulting, Inc.

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

>

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

Thanks again David. I'll give that a go.

I thought I'd struck gold with the ellipse function (<http://www.exelisvis.com/docs/ELLIPSE.html>), but it appears my idl package doesn't know what this is!

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