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Subject: Re: Spherical Contour Plotting

Posted by [Craig Markwardt](#) on Wed, 09 Jan 2002 23:57:12 GMT

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Adam Bayliss <[rabayliss@students.wisc.edu](mailto:rabayliss@students.wisc.edu)> writes:

- > Hi,
- > I'd like take a 2d array (containing a surface component of a vector)
- > and make a contour plot on a sphere. So basically I'd like to take the
- > results of the "contour" procedure, and project this graph onto a
- > sphere. Any ideas would be appreciated.

Are you looking for the ORTHOGRAPHIC mapping projection? See MAP\_SET,  
and try this to see if it is what you want,

```
map_set, /continents, name='orthographic'
```

You should be able to /OVERPLOT your contours directly, after you  
selection the viewpoint of course.

Good luck,  
Craig

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Craig B. Markwardt, Ph.D.      EMAIL:  craigmnet@cow.physics.wisc.edu  
Astrophysics, IDL, Finance, Derivatives | Remove "net" for better response  
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