
Subject: Re: displaying things above the earth in a map projection

Posted by [James Kuyper](#) on Wed, 25 Sep 2002 18:38:51 GMT

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"John R. Iverson" wrote:

...

> 2. I guess I just don't understand why this command doesn't do what I
> think it should? (draw a line from the map to the symbol you brought up
> earlier):
>
> plots, [45, 45], [45, 45], [0, 0.25], /t3d
>

Well, I've figured out what it's doing. I can't say that I understand why. Try the following:

plots, 10*indgen(9),90-10*indgen(9),0.1*indgen(9),/t3

Apparantly it draws each line segment at a constant Z value equal to the Z value at the start of the line segment. Therefore, in particular, for your command it draws a straight line from [45,45,0] to [45,45,0].

Would anyone care to enlighten me as to why this was considered a worthwhile thing to do?
