Subject: Re: map_set miracle II
Posted by James Kuyper on Fri, 21 Oct 2005 15:20:07 GMT
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Reimar Bauer wrote:
> Hi all,
>
>
> I came acrosse to a nice miracle by solving an other problem.
>
> What do you expect by this both calls?
>
> cheers
> Reimar
>
>
>
> p0lat=0.0001
> map_set,p0lat,0,0,/mercator,/conti,$
> pos=[0.190476,0.235690,0.707143,0.601010],$
> con_color=0,$
> mlinethick=2,mlinestyle=0,isotropic=0,$
> central_azimuth=0,$
> clip=1,limit=[-90E,0.0E,90.E,360E]
>
>
> p0lat=0
> map_set,p0lat,0,0,/mercator,/conti,$
> pos=[0.190476,0.235690,0.707143,0.601010],$
> con_color=0,$
> mlinethick=2,mlinestyle=0,isotropic=0,$
> central_azimuth=0,$
> clip=1,limit=[-90E,0.0E,90.E,360E]

I don't expect much of anything from either call.

You're setting up a Mercator projection, which projects the north pole to +infinity and the south pole to -infinity. Then you tell it to produce a plot of finite size using that projection, where the north pole is at the top of the plot and the south pole is at the bottom of the plot. I don't expect it to work, and I wouldn't be surprised by any particular failure mode.