
Subject: Re: IDL 5.0 Observations

Posted by [Andy Loughe](#) on Mon, 09 Jun 1997 07:00:00 GMT

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> Example Code: -----

>

> Map_Set, /Grid, /Continent

> TVLCT, 255, 255, 0, 35

> lon=[-81.2500,83.7500, 83.7500,-81.2500]

> lat=[28.7500,28.7500, 31.2500,31.2500]

> Polyfill, lon, lat, Color=35, /Data

>

> Known Workarounds or Fixes: -----

>

> None known.

>

> RSI Technical Support Response: -----

>

> Pending.

Hi Lena, this is your old officemate, Andy!

A known workaround would be to include the Greenwich Meridian when specifying the coordinates of a polygon which crosses longitude=0.

Your example becomes...

Map_Set, /Grid, /Continent

lon=[-81.25, 0.00, 83.75, 83.75, 0.00, -81.25]

lat=[28.75, 28.75, 28.75, 31.25, 31.25, 31.25]

Polyfill, lon, lat, Color=35, /Data

This should work for IDL 4 and 5. A similar workaround is needed when crossing the dateline and using polyfill in version 5.

Thanks for pointing this out! Let's hope it gets fixed.

--

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"I do not feel obliged to believe that the same God who has endowed us with

sense, reason, and intellect has intended us to forego their use."

-Galileo
