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Subject: Re: Polar plots

Posted by [David Theil](#) on Mon, 26 Aug 1996 07:00:00 GMT

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Jarrold Andrew Chapman wrote:

>  
> Does anybody have code written to plot polar data (i.e. to fill sectors of radius  
> r to r + dr and angle theta to theta + dtheta) using IDL? I can't seem to find  
> anything like this built into the language. I've tried using the MAP\_SET routines  
> with some success, but it seems like there should be a better way to do this.  
> Any suggestions?

try, for instance, something like this:

```
theta=findgen(51)*!pi/50
r=cos(theta)
dr=r/10
plot,r+dr,theta,/polar
oplot,r,theta,/polar
polyfill,[r*cos(theta),(r+dr)*cos(theta)],[r*sin(theta),(r+dr)*sin(theta)]
```

Of course, it would be nice if the polyfill procedure had the 'polar' keyword.

(Hint, hint, RSI!)

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No guts, no glory.

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