Subject: Re: tracing contours, how?
Posted by davidf on Thu, 22 Jan 1998 08:00:00 GMT
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Thorsten Becker (becker@fas.harvard.edu) writes:

```
I am trying to trace a special contour line in a 2D field, t, to
  get the coordinates in data units. I tried
   CONTOUR, t, PATH XY=xy, PATH INFO=info, levels=contourlevels
>
>
   k = 0
   FOR i=0, (N ELEMENTS(info) - 1) DO BEGIN
        FOR j=0, info(i).n-1 DO BEGIN
>
          IF((info(i).value EQ tracecontourvalue)THEN BEGIN
>
            print, info(i).value, xy(0, k+j), xy(1, k+j)
>
          ENDIF
>
        ENDFOR
>
        k = i
>
   ENDFOR
>
> and was hoping that this would trace the polygons and give me all points
> in normalized units if the contourvalue is tracecontourlevel. I got the
> right contour, but the points it printed didn't really make sense. Why?
> Did anybody solve this problem with IDL?
Perhaps I don't understand this question, but why won't
this work:
 CONTOUR, t, PATH XY=xy, /Path Data Coords, $
   levels=tracecontourvalue
Cheers,
David
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Coyote's Guide to IDL Programming: http://www.dfanning.com/
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