Subject: Can the underlying algorithm used in CONTOUR be accessed somehow?
Posted by Matt Francis on Tue, 28 Apr 2015 05:18:10 GMT
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I need a quick and dirty contour finding algorithm, but I actually need the contour paths as data (i.e. rather than just plotting them on an image). The algorithm that CONTOUR uses would be fine, but I can't see that this can be called independently to return some data describing the contour path.

Is there some other contour finding implementation out there?

Subject: Re: Can the underlying algorithm used in CONTOUR be accessed somehow?
Posted by David Fanning on Tue, 28 Apr 2015 05:48:31 GMT
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Bogdanovist writes:

> I need a quick and dirty contour finding algorithm, but I actually need the contour paths as data (i.e. rather than just plotting them on an image). The algorithm that CONTOUR uses would be fine, but I can't see that this can be called independently to return some data describing the contour path.
>
> Is there some other contour finding implementation out there?

Try the IsoContour procedure.

Cheers,

David
--
David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: http://www.idlcoyote.com/
Sepore ma de ni thue. ("Perhaps thou speakest truth.")

Subject: Re: Can the underlying algorithm used in CONTOUR be accessed somehow?
Posted by Fabzi on Tue, 28 Apr 2015 06:22:31 GMT
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On 04/28/2015 07:18 AM, Bogdanovist wrote:
> but I can't see that this can be called independently to return some data describing the contour path.

Isn't that what you want?

```
Contour, data, PATH_INFO=info, PATH_XY=xy, XSTYLE=1, $
  YSTYLE=1, /PATH_DATA_COORDS
```