
Subject: Re: new changes to contour under IDL Version 3.1.1 (sunos sparc)

Posted by [andy](#) on Thu, 16 Sep 1993 14:48:45 GMT

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In article <CDF7EC.E7z@cfanews.harvard.edu>, sylvain@cfassp45.harvard.edu (Sylvain G. Korzennik) writes:

> Despite IDL's newsletter bragging about saving someone marriage by changing
> the CONTOUR routine (sic, see IDL's newsletter "spring 1993"), I get very
> frustrated by the new version.

>
> 1) the userlib function MIN_CURVE_SURF is NOT equivalent to the keyword
> /spline: indeed, MIN_CURVE_SURF() takes forever to process any medium size
> array (ie a 40x20), while /splines will work fine, and. Adding a new userlib
> function is improvement, but dropping a usefull keyword definitively isn't.

>
> 2) the /fill option is broken when trying to fill only 1 level, why so?:

>
> IDL> lvls=[.05,.1,.2,.5,.7,9]
> IDL> contour, zz, levels =lvls, xx, yy, /xsty, /ysty
> IDL> contour, zz, levels =[0.5], xx, yy, /xsty, /ysty, /fill, /overplot
> % Program caused arithmetic error: Integer divide by 0
> % Detected at \$MAIN\$ (CONTOUR).

>
> This sound to me like a bug (not a feature:).

>
> 3) why add the /dowhill keyword and not fix the contour labeling as to be
> oriented in such a way as to indicates the downhill direction?

>
> --

>
> Sylvain G. Korzennik

>

Amen, brother! We have been on the phone with RSI's phone support, but after numerous attempts to get sympathy (and a working version of contour), we have received nothing which is beneficial to us. It's very frustrating since I have to stick with work-arounds using version 3.0 (an altered polycontour) and some of our machines are licensed only for version 3.1. If the problems we have faced are indicative of other users', I doubt that anyone's marriage has been saved with the release of version 3.1. Let alone 3.11.

)))/ Andy Loughe

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