
Subject: What is happening in CONTOUR?

Posted by [zawodny](#) on Wed, 08 Dec 1993 19:53:48 GMT

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Has anyone run into this before? I have a repeatable problem apparently with the contour routine. For a certain array t, when I call contour in the following way:

```
contour,t,x,y,lev=levs,/follow,c_linest=(levs lt 0),max=9000.
```

I get this somewhat mysterious message:

```
% Array has a corrupted descriptor: <No name>.  
% Execution halted at PLOT12 <plot12.pro( 70)> (CONTOUR).  
%   Called from $MAIN$ .
```

Before the message appears, I do get the contour plot I expect (all of it as far as I can tell). If I run the program (PLOT12) with a different input file (different t) the problem does not occur. The values in t are well behaved (ranging from -115 to 30). There are no NaN's or anything else goofy. Furthermore, if I do a .con or a .step the result is that the program tries to execute the contour statement again (as though the "program counter" did not increment). If I do a .skip, the next line is executed and a .con then causes the program to resume normal execution. I have traced the problem to the /follow keyword.

I'm running IDL Ver 3.5.0 for OSF-alpha. Anyone got a clue to what is going on here?

Thanks in advance,

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Joseph M. Zawodny (KO4LW)

Internet: zawodny@arbd0.larc.nasa.gov

Packet: ko4lw@n4hog.va.usa

NASA Langley Research Center

MS-475, Hampton VA, 23681-0001