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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