
Subject: Total and Utter Confusion!

Posted by [David Fanning](#) on Fri, 09 Sep 2011 15:19:08 GMT

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Folks,

I have to admit, I am totally and utterly confused about IDL at the moment. I cannot get IDL 8.1 to behave the same way twice in a row! (There is a chance that 30+ hard crashes over the past two days has something to do with this, I guess.)

Here is a program:

```
;-----  
PRO ContourPlotCrash  
  
; Create a simple, random dataset for contouring:  
data = RANDOMU(-3L, 9, 9)  
  
levels =[0.0, 0.25, 0.5, 0.75]  
  
; Contour function.  
w = Window(DIMENSIONS=[500, 400])  
loadCT, 33, RGB_TABLE=rgb, NCOLORS=4  
ctr=contour(data, C_VALUE=levels, /CURRENT, $  
    POSITION=[0.1, 0.1, 0.9, 0.8], /FILL, $  
    c_Color=['red', 'green', 'yellow', 'blue'], $  
    ;RGB_TABLE=rgb, RGB_INDICES=Indgen(4)  
    AXIS_STYLE=2)  
names = String(levels,FORMAT='(F0.2)')  
cb = Colorbar(TARGET=ctr, $  
    TICKNAME=names, $  
    POSITION=[0.1, 0.85, 0.9, 0.9])  
  
END  
;-----
```

Here is my IDL session. I am running, at the moment,
with SOFTWARE rendering.

IDL Version 8.1, Microsoft Windows (Win32 x86_64 m64). (c) 2011, ITT
Visual Information Solutions
Installation number: 205509.
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IDL> .compile -v 'C:\Users\David\IDLWorkspace81\Default

```
\contourplotcrash.pro'  
% Compiled module: CONTOURPLOTCRASH.  
IDL> contourplotcrash  
% Compiled module: CONTOURPLOTCRASH.  
% Loaded DLM: XML.  
% Unable to create colorbar  
% Execution halted at: CONTOURPLOTCRASH 17 C:\Users\David  
\IDLWorkspace81\Default\contourplotcrash.pro  
%  
$MAIN$  
IDL> print, file_which('colorbar.pro')  
% Compiled module: FILE_WHICH.  
C:\Program Files\ITT\IDL\IDL81\lib\graphics\colorbar.pro  
IDL> .compile colorbar  
% Compiled module: COLORBAR.  
IDL> .compile -v 'C:\Users\David\IDLWorkspace81\Default  
\contourplotcrash.pro'  
% Procedure was compiled while active: CONTOURPLOTCRASH. Returning.  
% Compiled module: CONTOURPLOTCRASH.  
IDL> contourplotcrash  
% Compiled module: CONTOURPLOTCRASH.  
% Unable to create colorbar  
% Execution halted at: CONTOURPLOTCRASH 17 C:\Users\David  
\IDLWorkspace81\Default\contourplotcrash.pro  
%  
$MAIN$
```

Can anyone, anywhere make any sense of that!? :-(

Cheers,

David

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Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

Sepore ma de ni thui. ("Perhaps thou speakest truth.")
