
Subject: cgContour / P.Multi / PDF

Posted by [Matteo](#) on Thu, 19 Apr 2012 00:45:18 GMT

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Hi,

I noticed David's solution to a problem similar to something I'm trying to solve:

<http://www.web-shelf.com/comp.lang.idl-pvwave/Re-How-to-plot-multiple-cgContour-plots-using-the-same-colour-thread-ID29946.aspx>.

I was wondering: if I substitute cgDisplay with cgWindow, and employ the /Add keyword for cgContour and cgColorbar, how come when I save the pdf from the GUI the document is saved in 2 pages instead of one? Even resizing the window deletes one of the two plots

This is the code that replicates the problem:

```
data = cgDemoData(2)

data1 = Scale_Vector(data, 400, 1500)

data2 = Scale_Vector(data, 0, 900)


levels = Indgen(16)*100

cgLoadCT, 33, NColors=16, Bottom=1

c_colors = Indgen(16) + 1

;cgDisplay, 900, 300
cgWindow,xsize=900,ysize=500

!P.Multi=[0,2,1]

ymargin = !Y.OMargin

!Y.OMargin=[3,10]

cgContour, data1, Levels=levels, C_Color=c_colors, /Fill, $

    XStyle=1, YStyle=1, /Add

cgContour, data2, Levels=levels, C_Color=c_colors, /Fill, $

    XStyle=1, YStyle=1, /Add
```

```
cgColorbar, NColors=16, Bottom=1, RANGE=[Min(data), Max(data)], $  
    Divisions=16, position = [0.25, 0.85, 0.75, 0.89], /Add  
!P.Multi=0  
!Y.OMargin = ymargin  
end
```
