
Subject: Contour Function Pattern Broken?

Posted by [David Fanning](#) on Thu, 03 Nov 2011 19:05:58 GMT

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Folks,

I am trying to use a contour fill pattern (C_FILL_PATTERN keyword) in a function Contour command. Here is the program.

Any idea why I am getting a solid fill? You can see that the pattern object I create it correct, because I can display it as the pattern of a polygon object in XObjView.

```
pat = [    $
[003B, 000B, 000B, 128B],    $
[006B, 000B, 000B, 128B],    $
[028B, 000B, 000B, 128B],    $
[048B, 000B, 000B, 192B],    $
[096B, 000B, 000B, 096B],    $
[128B, 000B, 000B, 032B],    $
[000B, 003B, 000B, 048B],    $
[000B, 006B, 000B, 024B],    $
[000B, 012B, 000B, 008B],    $
[000B, 016B, 000B, 008B],    $
[000B, 096B, 000B, 004B],    $
[000B, 192B, 000B, 004B],    $
[000B, 128B, 001B, 002B],    $
[000B, 000B, 003B, 003B],    $
[000B, 000B, 006B, 001B],    $
[000B, 000B, 140B, 001B],    $
[000B, 000B, 216B, 000B],    $
[000B, 000B, 080B, 000B],    $
[000B, 000B, 112B, 000B],    $
[000B, 000B, 112B, 000B],    $
[000B, 000B, 080B, 000B],    $
[000B, 000B, 200B, 000B],    $
[000B, 000B, 140B, 000B],    $
[000B, 000B, 134B, 001B],    $
[000B, 000B, 001B, 003B],    $
[000B, 192B, 000B, 006B],    $
[000B, 096B, 000B, 012B],    $
[000B, 024B, 000B, 024B],    $
[000B, 014B, 000B, 032B],    $
[128B, 003B, 000B, 096B],    $
[240B, 000B, 000B, 064B],    $
[030B, 000B, 000B, 192B]    $
]
```

```
pattern = Obj_New('idlgrpattern', 2, PATTERN=pat)
```

```
square = OBJ_NEW('IDLgrPolygon', $
  [[0,0],[1,0],[1,1],[0,1]], $
  FILL_PATTERN=pattern)
c = contour(cgdemodata(2), C_VALUE=[250,750], $
  C_FILL_PATTERN=pattern, /FILL)
xobjview, square
END
```

Cheers,

David

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

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