
Subject: OO postscript problem

Posted by [nospam](#) on Tue, 14 Apr 1998 07:00:00 GMT

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I just sent the following request to support@rsinc.com, and I thought that you people might have some insight as well. Thanks for any assistance. My email address is stuart @ ll.mit.edu.

```
IDL> help, !version, /struct
```

```
** Structure !VERSION, 5 tags, length=40:
```

```
ARCH      STRING  'mipseb'
OS        STRING  'IRIX'
OS_FAMILY STRING  'unix'
RELEASE   STRING  '5.0.3'
BUILD_DATE STRING  'Nov 3 1997'
```

```
rock(76)% uname -a
IRIX64 rock 6.4 IP27
```

I have an object oriented graphics routine from which I'd like to get postscript output. The postscript created seems to only be monochrome, though. I use the RGB color model since my machine has 24-bit color. The following test program demonstrates the problem. The window comes up with the expected colors, but the resulting postscript is only in black and white.

```
oPrinter = obj_new('IDLgrPrinter', COLOR_MODEL=0)
oView = obj_new('IDLgrView')
oModel = obj_new('IDLgrModel')
oPolyg1 = obj_new('IDLgrPolyline', [1.0, 0.0, -1.0, 0.0, 1.0], $
    [0.0, 1.0, 0.0, -1.0, 0.0], $
    [0.0, 0.0, 0.0, 0.0, 0.0], $
    COLOR=[255, 0, 0])
oPolyg2 = obj_new('IDLgrPolyline', [2.0, 0.0, -2.0, 0.0, 2.0], $
    [0.0, 2.0, 0.0, -2.0, 0.0], $
    [0.0, 0.0, 0.0, 0.0, 0.0], $
    COLOR=[0, 0, 0])
oPolyg3 = obj_new('IDLgrPolyline', [3.0, 0.0, -3.0, 0.0, 3.0], $
    [0.0, 3.0, 0.0, -3.0, 0.0], $
    [0.0, 0.0, 0.0, 0.0, 0.0], $
    COLOR=[0, 0, 255])
oModel->ADD, oPolyg1
oModel->ADD, oPolyg2
oModel->ADD, oPolyg3
oView->ADD, oModel
```

```
oWindow = obj_new('IDLgrWindow', DIMENSIONS=[200,200], RETAIN=0)
```

```
set_view, oView, oWindow  
oWindow->Draw, oView
```

```
status = DIALOG_PRINTERSETUP(oPrinter)
```

```
if (status ne 0) then begin  
    oPrinter->Draw, oView  
    oPrinter->NewDocument  
    print, 'finished ps'
```

```
endif
```

```
end
```

```
--
```

```
Scott Stuart
```

```
stuart at ll mit edu
```
