
Subject: Re: Object Graphics Vector Output
Posted by [Randall Skelton](#) on Fri, 01 Oct 2004 22:28:53 GMT
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Thanks for the reply Karl. Here is another one for you... Any ideas why models containing vector (aka hershey) text have unsightly boxes around them when using vector postscript output?

Cheers,
Randall

-- cut --

```
; =====  
; Create the plot canvas (roughly one letter sized sheet of paper)  
  
CanvasDim = [19,24.5]  
oCanvasView = obj_new('IDLgrView', UNITS=2, DIMENSION=CanvasDim, $  
VIEWPLANE_RECT=[0,0,1,1])  
  
; =====  
; Add some vector text  
Text1Dim = [CanvasDim[0], 0.75] ; cm  
Text1Loc = [0, 10] ; cm  
  
oSmFont1 = obj_new('IDLgrFont', 'Hershey', SIZE=6)  
  
oVer = obj_new('IDLgrText', !version.release, LOCATION=[0.9,0.0], $  
FONT=oSmFont1, ALIGN=1)  
date = string(systime(/julian), format="(C(CY)4, '-', CMo)2.2, '-', " +  
$  
"CDI2.2, X, CHI2.2, ':', CMI2.2, ':', CSF07.4))")  
oDate = obj_new('IDLgrText', date, LOCATION=[0.1,0.0], $  
FONT=oSmFont1, ALIGN=0)  
  
oText1Model = obj_new('IDLgrModel', NAME='Text1')  
oText1Model -> add, oVer  
oText1Model -> add, oDate  
  
oText1View = obj_new('IDLgrView', UNITS=2, DIMENSION=Text1Dim, $  
LOCATION=Text1Loc, /TRANSPARENT, VIEWPLANE_RECT=[0,0,1,1])  
oText1View -> add, oText1Model  
  
; =====  
; Add some true-type text  
Text2Dim = [CanvasDim[0], 0.75] ; cm  
Text2Loc = [0, 12] ; cm
```

```

oSmFont2 = obj_new('IDLgrFont', 'Times', SIZE=10)

oVer = obj_new('IDLgrText', !version.release, LOCATION=[0.9,0.0], $
FONT=oSmFont2, ALIGN=1)
date = string(systime(/julian), format="(C(CYI4, '-', CMoI2.2, '-', " +
$
"CDI2.2, X, CHI2.2, ':', CMI2.2, ':', CSF07.4)))")
oDate = obj_new('IDLgrText', date, LOCATION=[0.1,0.0], $
FONT=oSmFont2, ALIGN=0)

oText2Model = obj_new('IDLgrModel', NAME='Text2')
oText2Model -> add, oVer
oText2Model -> add, oDate

oText2View = obj_new('IDLgrView', UNITS=2, DIMENSION=Text2Dim, $
LOCATION=Text2Loc, /TRANSPARENT, VIEWPLANE_RECT=[0,0,1,1])
oText2View -> add, oText2Model

; =====
; Group the objects
ogroup = obj_new('IDLgrViewgroup')
ogroup -> Add, oCanvasView
ogroup -> Add, oText1View
ogroup -> Add, oText2View

owin = obj_new('IDLgrWindow', GRAPHICS_TREE=ogroup, UNITS=2, $
DIMENSIONS=CanvasDim)
owin -> draw

oclip = obj_new('IDLgrClipboard', GRAPHICS_TREE=ogroup, UNITS=2, $
DIMENSIONS=CanvasDim, RESOLUTION=[0.03,0.03])
oclip -> draw, FILENAME='test_vector.eps', /VECTOR, /POSTSCRIPT
oclip -> draw, FILENAME='test_bitmap.eps', /POSTSCRIPT

end

```
