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Subject: Printing Woes

Posted by [Anthony Davis](#) on Fri, 02 Mar 2001 00:32:48 GMT

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I am having difficulty printing to the Windows printer device from IDL  
5.3.1. The origin of the printed image is always halfway down the page  
(instead of at the bottom where I'd like it.) The returned size is correct,  
but I can't get the thing to print on the whole page. Here's the code I'm  
using. Any ideas. (As a suggestion, why doesn't anything change in the !D  
structure when I adjust the /XOFFSET or /YOFFSET keywords?)

PRO PrintImage

result=DIALOG\_PRINTJOB()

IF result GT 0 THEN BEGIN

currdevice=!d.name

image=BYTARR(3,100,600)

image[0, \*, \*]=BYTSCL(DIST(100,600))

SET\_PLOT, 'PRINTER'

DEVICE, SCALE\_FACTOR = 1

DEVICE, XSIZE = 17.7

DEVICE, YSIZE = 25

help, !d, /str

print, !d.origin

print, !d.zoom

DEVICE, /TRUE\_COLOR

; Get the printer device size.

;

xSize = !D.X\_SIZE

ySize = !D.Y\_SIZE

PRINT, xSize, ySize

; Compute the controlling aspect ratio.

;

sz = SIZE(image, /DIMENSION)

aspX = sz[1]

aspY = sz[2]

aspC = (xSize / FLOAT(aspX) ) < (ySize / FLOAT(aspY))

DEVICE, SCALE\_FACTOR = aspC

TV, image, /TRUE

```
DEVICE, /CLOSE_DOC  
SET_PLOT, currdevice  
ENDIF
```

END ; END PrintImage

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