
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
