
Subject: Re: Write graphics to two devices simultaneously?
Posted by [David Fanning](#) on Sat, 11 Apr 2009 18:08:10 GMT
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stefan5465@hotmail.com writes:

- > Is there any way to print to an X11 window and simultaneously dump the
- > X11 output to a postscript file?
- >
- > Of course, I could just copy paste the plot information for a new
- > device, but it would make the procedure annoyingly long. Is there a
- > command to take the contents of an X11 device and save it to the
- > postscript device, or a command to write to postscript at the same
- > time as X11?

It is not possible to write to two graphics devices at the same time. But, well-written IDL graphics programs don't much care what device they are being written to, which allows you to use something like PS_START/PS_END to write them to PostScript files simply:

Consider displaying a histogram of an image, using HISTOPLLOT:

```
; An image.
image = LoadData(7)

; Write to display.
Histoplot, image, /FILL, POLYCOLOR='rose'

; Write to PostScript file.
PS_START
Histoplot, image, /FILL, POLYCOLOR='rose'
PS_END
```

Such commands work on Windows, LINUX, and Macintosh computers, and for Z-buffer and PRINTER devices, etc.

Programs to help with this are found in the Coyote Library:

<http://www.dfanning.com/programs/coyoteprograms.zip>

Cheers,

David

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

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