
Subject: Re: postscript

Posted by [Geoff.Sobering](#) on Mon, 03 Oct 1994 14:49:28 GMT

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Some time ago, I wrote the following short procedures to simplify the process of directing IDL graphics to a PostScript printer. There are two routines, 'pso' and 'psc'. 'pso' sets the plot device to "PS", and 'psc' spools the file to the printer and returns the plot device to whatever it was.

Most commonly, I construct a graphics command (or commands) with the output appearing on the screen, then type 'pso', re-execute the graphics command(s) from the command buffer, and enter 'pso' to spool the graphic to the printer.

Because of the 'spawn'ed 'lpr' command and the UNIX filename syntax, these are pretty specific to UNIX, however, they should be pretty easy to adapt to other OSes.

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Geoff Sobering (Geoff.Sobering@nih.gov)

In Vivo NMR Research Center

National Institutes of Health

--- psopro -----

PRO psopro

; 1/17/92 @(#)psopro 2.2 In Vivo NMR Research Center, NIH

COMMON ps_switch, old_plot_dev, ps_set

IF keyword_set(ps_set) THEN BEGIN

message, /inform, 'PostScript output already set.'

ENDIF ELSE BEGIN

; Change the plot-device and flag to 'PS':

old_plot_dev = !D.NAME

set_plot, 'PS'

ps_set = 1

; Put the 'idl.ps' file in the users home directory:

device, file=getenv('HOME')+'/idl.ps'

ENDELSE

RETURN

END

-- psc.pro -----

PRO psc

; 1/17/92 @(#)psc.pro 2.2 In Vivo NMR Research Center, NIH

COMMON ps_switch, old_plot_dev, ps_set

IF NOT keyword_set(ps_set) THEN BEGIN
 message, /inform, 'PostScript output not set.'
ENDIF ELSE BEGIN

; Close the plot-file:
 device, /close

; Sent the plot-file to the printer:
 spawn, 'lpr \$HOME/idl.ps'

; Reset the plot-device and flag:
 set_plot, old_plot_dev
 ps_set = 0

ENDELSE

RETURN
END
