
Subject: Re: Routine is not defined for current graphics device.
Posted by [Benjamin Hornberger](#) on Thu, 13 Oct 2005 20:10:17 GMT
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Maier wrote:

```
> Hi, I use this little code to view the output on the screen directly or
> save it as a PS:
>
>   plotps =0  ;1 for postscript
>   psfilename = 'chicken.ps' ; name of postscript file
>   if (plotps) then begin
>     set_plot, 'PS' ; plot results to postscript file
>     device, /color, filename = psfilename,ysize=15, $
>     yoffset=1.0,bits_per_pixel=8,/iso,/helvetica,/portrait
>     !p.font=0
>   endif
>   if (plotps eq 0) then window,1, ysize=650,xsize=800
>   linethick = 1.0
>   sizeofchar = 1.25
>   thickofchar = 1.0
>   !p.charsize = 1.25
>
> Now, if the output is PS, then I change the plotps flag to 0 for direct
> view, I get this error:
> % WINDOW: Routine is not defined for current graphics device.
>
> I have to close IDL and run it again to run with a plotps =0 flag.
>
> Any hlep is highly appreciated.
> Thank you
> Maier
>
```

Once you change the plot device (set_plot), it will stay like that until you change it back (or restart IDL, where the default device is used). The usual procedure for using the PS device is

```
old_plot = !d.name ;; stores the current device in a variable,
                ;; either 'win' or 'x' depending on your platform
set_plot, 'ps'
device, ... ;; configure PS device
plot, ... ;; plot whatever you want
device, /close
set_plot, old_plot ;; set graphics device back to default,
                ;; 'win' or 'x'
```

Often people also store and later restore !p.font and other graphics

device settings.

Benjamin
