Subject: Re: write graphics to file?
Posted by Kenneth S. Kump on Tue, 18 Jul 1995 07:00:00 GMT
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Here is a quick little bit of code which "captures" any idl window (not just plot window) into an image. I often use it like this:

write_gif,'out.gif',plot2image()

_____

```
function plot2image,windown
;+
;  NAME:  PLOT2IMAGE
;
;  Purpose:  Reads the plot from the currently active window and converts it
;          to an image which can be printed, converted to a slide or file
;
;  USAGE:  RESULT=plot2image([window_number])
;
;          If window_number is not given, the current window is used.
;          Will prompt you to invert image or not.
;
;
;  Ken Kump   12/94
;-

if n_elements(windown) gt 0 then wset,windown
info=!d
x=info.x_vsize
y=info.y_vsize ; gets the visible size from the display
image=tvrd(0,0,x,y)
print,"do you wish to invert the image? (y/n) "
; since it will contain black pixels if plotting background is black.
ans=get_kbrd(2)
if(ans eq 'y') then image= not image
return,image
end
```

hartman@fys.ruu.nl (Jan Willem Hartman) wrote:

> I would like to have a file dump of my IDL window, in any graphics
> format. Something like 'set_plot,'gif' will do very well.., I know
> there are lots of routines that let you write a gif/tiff/whatever file
> from an image, but what if you just have an x-y plot, and want to save
> that plot to a gif-file, without loosing a lot of information? It
> shoud also work on MS-windows version of IDL, so a 'spawn,"xwd ..'"'

> will not do.
> If anybody knows, thanks in advance.
>
> JanWillem
>
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>

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