Subject: Creating a GIF file from a graphics window in IDL
Posted by ykadkh1 on Mon, 19 Jun 2000 07:00:00 GMT

View Forum Message <> Reply to Message

I was wondering if anyone knows how to write a GIF or JPEG file in IDL
using the image that appears in a window. Otherwise, it would also be
helpful If there was a way to create an array from the window's
contents. Thank you.

Yasha Kadkhodayan
Univ. of Illinois at Chicago

Subject: Re: Creating a GIF file from a graphics window in IDL
Posted by Paul van Delst on Wed, 28 Jun 2000 07:00:00 GMT

View Forum Message <> Reply to Message

"Daniel, Susan y Familia" wrote:
>
> I am also looking to solve that problem for the case of multiple X
> windows. WRITE_JPG only saves one window's graph.

You should just have to "wset" to the window whose display you want to
save....you'll have to keep track of the window id's of course:

```
n_windows = 4
for i = 0, n_windows - 1 do begin
  window, /free
  if ( i eq 0 ) then $
    window_id = !d.window $
  else $
    window_id = [ window_id, !d.window ]
endfor
```

and then plot/image stuf in them you can output them all in turn

```
for i = 0, n_windows - 1 do begin
  wset, window_id[ i ]
  write_jpeg, .....etc.
endfor
```

Of course the above is only an (poor) example.

Liam Gumley's website (http://cimss.ssec.wisc.edu/~gumley) contains IDL
info and a neato bunch of utilities to save your window to a GIF, JPEG,
etc file. I believe the utility is called saveimage.pro or something
like that. Takes the guesswork out of doing that sort of stuff.

Unfortunately the UW-Madison/SSEC server seems to be down or having problems.

paulv
--
Paul van Delst   Ph: (301) 763-8000 x7274
CIMSS @ NOAA/NCEP   Fax: (301) 763-8545
Rm.202, 5200 Auth Rd. Email: pvandelst@ncep.noaa.gov
Camp Springs MD 20746

Subject: Re: Creating a GIF file from a graphics window in IDL
Posted by Daniel, Susan y Famil on Wed, 28 Jun 2000 07:00:00 GMT
View Forum Message <> Reply to Message

I am also looking to solve that problem for the case of multiple X
windows. WRITE_JPG only saves one window's graph.

Daniel

ykadkh1@uic.edu wrote:

> I was wondering if anyone knows how to write a GIF or JPEG file in IDL
> using the image that appears in a window. Otherwise, it would also be
> helpful If there was a way to create an array from the window's
> contents. Thank you.
>
> Yasha Kadkhodayan
> Univ. of Illinois at Chicago

Subject: Re: Creating a GIF file from a graphics window in IDL
Posted by LC's No-Spam Newsread on Thu, 29 Jun 2000 07:00:00 GMT
View Forum Message <> Reply to Message

>> I was wondering if anyone knows how to write a GIF or JPEG file in IDL
>> using the image that appears in a window.

yes

b=tvrd()
write_gif,filname,b,r,g,b

Where r,g,b are the component of the current lookup table. I use this
procedure to generate GIF out of graphs for use in HTML. I do not use
one of my graphics window, but the "Z device" so I can control the
lookup table without contention with other X applications, and select

the size in pixels.

```
set_plot,'z'
device,set_resolution=[500,400]
red=[255,0,0,0,255]
gre=[255,0,0,255,0]
blu=[255,0,255,0,0]
tvlct,red,gre,blu
... plot here
b=tvrd()
write_gif,filname,b,red,gre,blu
```

If I had to make an "occasional" copy of a graphic window, I'd use
either xv or xwud to grab it (as GIF or as X window dump)

--