Subject: Re: idl window resizing

Posted by davidf on Thu, 30 Jul 1998 07:00:00 GMT

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akk (anilk@mtolympus.ari.net) writes:

- > I have created an image which is an array of size 1024x1024. However when
- > I use tvscl to view the image the idl display window which pops up is
- > smaller than 1024x1024. Does someone know how I can change the size of
- > the display window, so that I can view the entire image?

Just to be a little more helpful than I had time to be in my earlier reply, this is a pretty big image. It may help to resize it and display it in a window that would actually fit on the display.

Window, XSize=512, YSize=512 TVSCL, Rebin(image, 512, 512)

Or, if you wanted it to be in a resizeable graphics window, you could do this:

XWindow, 'TVImage', /Erase, XSize=500, YSize=500, \$
BytScl(image, Top=(!D.N\_Colors-1) < 255)

You can add a /Keep\_Aspect\_Ratio keyword to the command above if you would like the image to maintain it's square aspect ratio as you resize the window.

You will have to download the XWINDOW and TVIMAGE programs from my web page.

Cheers.

David

--

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

Subject: Re: idl window resizing

Posted by Liam Gumley on Thu, 30 Jul 1998 07:00:00 GMT

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## akk wrote:

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- > the display window, so that I can view the entire image?

## Try this:

:- Create a draw widget

```
base = widget_base()
draw = widget_draw( base, xsize=1024, ysize=1024, x_scroll_size=700,
y_scroll_size=700 )
widget_control, base, /realize
```

;- Get the window id and make sure the window is active

```
widget_control, draw, get_value = window wset, window
```

;- Display a big image

```
data = rebin( dist(64), 1024, 1024 )
ncolors = !d.table_size - 1
tv, bytscl( data, top=ncolors )
```

Cheers, Liam.

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- > the display window, so that I can view the entire image?

Window, XSize=1024, YSize=1024

- > p.s. I tried looking up the FAQs for this news group, however the web
- > page contained no information.

Better get my book. :-)

Cheers,

David

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