## Subject: Re: pictures without borders, full screen pictures Posted by davidf on Mon. 16 Feb 1998 08:00:00 GMT

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Sangeet Singh (singh@xraylith.wisc.edu) writes:

- > I'm running IDL 4.x remotely on a Sun using an xterm emulator on my
- > Win 95 machine. IDL and my xterm emulator both agree on my screen
- > size (currently 800 x 600). Is it possible for me to use IDL to
- > display a 800 x 600 image array so that it will fill up the entire
- > screen, without showing any window borders etc.? When I use the
- > WINDOW command, the window is off center and I have the title bar
- > and window borders to contend with. Can I get rid of the bar and the
- > borders for any size image?

You can get rid of the title bar, but you can't get rid of the borders. A window is, after all, a window and there are rules about windows. One of which is they have borders. The borders can be guite small. This code on my Windows NT machine gives me a window that is actually 802 by 602.

Function BigWindow, wid tlb = Widget Base(TLB Frame Attr=4) drawID = Widget\_Draw(tlb, XSize=800, YSize=600) Widget Control, tlb, /Realize Widget\_Control, drawID, Get\_Value=wid WSet, wid Widget\_Control, tlb, TLB\_GET\_SIZE=thisSize Print, 'Actual window size: ', thisSize RETURN, tlb **END** widgetID = BigWindow(wid) TVScl, Dist(800, 600) Wait, 5 Widget\_Control, widgetID, /Destroy **END** > In other words, if I want to be able to paint the (m,n)-th pixel on my > display red, can I use IDL to do it? No.:-) Cheers. David David Fanning, Ph.D.

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

Subject: Re: pictures without borders, full screen pictures Posted by David Foster on Wed, 18 Feb 1998 08:00:00 GMT View Forum Message <> Reply to Message

## Sangeet Singh wrote:

>

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Here's one possible solution (I believe):

```
x_margin = 5 ; Determine these empirically
y_margin = 25

device, get_screen_size=s_size
b = widget_base(xoffset=0, yoffset=0)
d = widget_draw(b, xsize=s_size(0), ysize=s_size(1))
widget_control, b, map=0
widget_control, b, /realize
widget_control, b, tlb_set_xoffset=-x_margin, $
tlb_set_yoffset=-y_margin
widget_control, b, /map
```

I don't know how you can determine the size of the margins and title bar that the window system creates for the widget. This information is not available using WIDGET\_CONTROL, WID, /GEOMETRY.

Be aware that if you do this, you will have no way to kill the widget! Put a "Cancel" button overlaid on the draw widget and make a simple event handler so you can destroy your widget.

Hope this helps.

Dave

David S. Foster Univ. of California, San Diego Programmer/Analyst Brain Image Analysis Laboratory foster@bial1.ucsd.edu Department of Psychiatry 8950 Via La Jolla Drive, Suite 2240 (619) 622-5892 La Jolla, CA 92037

Subject: Re: pictures without borders, full screen pictures Posted by a2652099 on Wed. 18 Feb 1998 08:00:00 GMT View Forum Message <> Reply to Message

singh@xraylith.wisc.edu (Sangeet Singh) wrote:

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Under OpenWindows I once used something like

WINDOW, xsize=800, ysize=600, xpos=-10, ypos=dontknow

and it worked, the window covered the whole screen, the borders lay just outside.

Alex

Alex Schuster Wonko@weird.cologne.de alex@pet.mpin-koeln.mpg.de

PGP Key available