
Subject: Re: Widget placement problem

Posted by [David Fanning](#) on Fri, 24 Nov 2006 21:26:56 GMT

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Braedley writes:

> I want to put a small logo in a draw widget at the bottom left hand
> corner of a tab. The only other thing in the tab is a series of
> labels. Right now, the draw widget is being placed just below the
> text, and not at the very bottom of the tab like I would like. Summery
> of code:

```
>  
> read_jpeg, 'logo.jpg', logo  
>  
> base=widget_base(title='Wizard', /col)  
>  
> tab_steps=widget_tab(base)  
> intro=widget_base(tab_steps, title='Introduction', row=2, xsize=600,  
> ysize=400)  
> text_base=widget_base(intro, /base_align_left, col=1)  
> t1='This wizard will help you set up stuff.'  
> l1=widget_label(text_base, value=t1)  
> ;there's more labels, but who cares  
>  
> sz=size(logo)  
> draw_base=widget_base(intro, /align_left, /base_align_bottom)  
> logo_win=widget_draw(draw_base, xsize=sz[2], ysize=sz[3],  
> /align_bottom)  
>  
> widget_control, base, /realize  
> widget_control, logo_win, get_value=win  
> wset, win  
> tvimage, logo, /keep_aspect_ratio  
>  
> I've tried various combinations of alignments, but nothing seems to  
> work. Any suggestions?
```

The main problem you are having is that you cannot position widgets in bulletin board bases in the way you are doing it (I.e., by setting ALIGN_*** keywords). You have to position them via OFFSETS from the upper-left hand corner of the base you are positioning them into. For example, I can get this logo hear the bottom of the base just by estimating the offsets. (If I want to get it *exactly* there, I have to get the geometry of the base and subtract the size of the image from that.)

```
base=widget_base(title='Wizard', /col)
```

```
tab_steps=widget_tab(base)
intro=widget_base(tab_steps, title='Introduction', row=2, $
    xsize=600,ysize=400)
text_base=widget_base(intro, /base_align_left, col=1)
t1='This wizard will help you set up stuff.'
l1=widget_label(text_base, value=t1)
;there's more labels, but who cares

sz=size(logo)
draw_base=widget_base(intro, /align_left, /base_align_bottom)
logo_win=widget_draw(draw_base, xsize=sz[2], $
    ysize=sz[3],xoffset=0, yoffset=375-sz[3])

widget_control, base, /realize
widget_control, logo_win, get_value=win
wset, win
tvimage, logo, /keep_aspect_ratio
```

> While I'm on it, I'm getting black lines around the bottom and left of
> the image that aren't present in the original. Is this a tvimage thing
> or something else?

I don't see any black lines. I doubt if it is a TVImage thing. :-)

Cheers,

David

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

Sepore ma de ni thui. ("Perhaps thou speakest truth.")
