
Subject: Re: Widget placement problem

Posted by [Braedley](#) on Sat, 25 Nov 2006 03:54:27 GMT

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David Fanning wrote:

> 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
> --
> David Fanning, Ph.D.
> Fanning Software Consulting, Inc.
> Coyote's Guide to IDL Programming: http://www.dfanning.com/
> Sepore ma de ni thui. ("Perhaps thou speakest truth.")
```

Thanks for the tip.

For some reason, I had to set the TV keyword in order to get rid of those lines.
