
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)
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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.")

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:

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> 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.

Subject: Re: Widget placement problem
Posted by [David Fanning](#) on Sat, 25 Nov 2006 04:58:00 GMT
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Braedley writes:

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

I suppose there could be a rounding error with some image sizes, when you ask to keep the aspect ratio and you are trying to put it into a window that is exactly the right size. In this case a TV keyword without the KEEP_ASPECT is probably the correct command anyway.

Cheers,

David

--

David Fanning, Ph.D.

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