
Subject: right-justifying draw widgets?

Posted by [Jeff Guerber](#) on Wed, 03 Oct 2001 20:34:16 GMT

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I've been having a lot of trouble with a widget-layout issue, and not having gotten anywhere, I'm submitting it to the collective wisdom of the newsgroup.

Below is a greatly simplified test case, demonstrating the general layout of a much larger program. Both of the frames contain draw widgets, of the same size, on the right, but the labels (and buttons, in the real one) on the left may be of different sizes. What I'd like to do is right-justify the draw widgets in their bases, so that they line up vertically. (In the real case, the lower plot is a difference of two curves from the upper one.) I've tried numerous combinations of `/align_right` and `/base_align_right`; making the `frameBases` `column=2` instead of `row=1` then using `/align_right` and `/base_align_right`; putting the draw widgets in their own bases and trying to `align_those_`; etc, etc. The only thing I've found so far that works is `/grid`, but that makes the controls as wide as the plot :-)

Thanks for your help. And no, rewriting to use `!p.multi` won't help, because in the real program, the frames are each different instances of classes that plot some data and have various controls for choosing which curves to plot, change plot and curve properties, etc. I said it was greatly simplified!

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```
pro test_drawalign
```

```
xs = 300L
```

```
ys = 200L
```

```
tlb = widget_base(column=1)
```

```
;; Upper frame, has long labels.
```

```
frameBase1 = widget_base(tlb, row=1, /frame)
```

```
labelBase1 = widget_base(frameBase1, /frame, column=1)
```

```
label1a = widget_label(labelBase1,value='This is a pretty long label')
```

```
label1b = widget_label(labelBase1,value='Here is another long label')
```

```
draw1 = widget_draw(frameBase1, /frame, xsize=xs, ysize=ys)
```

```
:: Lower frame, has short labels
frameBase2 = widget_base(tlb, row=1, /frame)

labelBase2 = widget_base(frameBase2, /frame, column=1)

label2a = widget_label(labelBase2, value='Short label')
label2b = widget_label(labelBase2, value='Also short')

draw2 = widget_draw(frameBase2, /frame, xsize=xs, ysize=ys)


;; Rest
widget_control, tlb, /realize

widget_control, draw1, get_value=win1
wset, win1
plot,[0,1]

widget_control, draw2, get_value=win2
wset, win2
plot,[1,0]

return
end
```
