
Subject: Re: widget_base alignment question
Posted by [JD Smith](#) on Mon, 21 Feb 2005 20:53:50 GMT
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On Thu, 17 Feb 2005 09:04:35 -0700, eddie haskell wrote:

```
>> I'd like to create a resizable widget app which looks
>> kind of like this:
>>
>> +-----+
>> | LEFT_ALIGNED_LABEL      RIGHT_ALIGNED_LABEL |
>> |
>> |      draw widget          |
>> |      some other stuff...  |
>> +-----+
>>
>> but I can't figure out if this is possible in IDL. The
>> top-level base has COLUMN set, and then into that I
>> first place a widget_base with ROW set.
>
> The trick is to make the base for your labels a column base instead of a
> row base. Yes this sounds odd, but the column keyword also is able to
> specify the number of columns in a base, and this helps here. The other
> needed part is to make the base gridded. The base definition would look
> something like this:
>
> wRow = widget_base(tlb, xsize=xsize, column=2, /grid)
>
> Below is a very simple test case that handles resizing only in the X
> direction. You can see that just by re-setting the xsize on the row
> base that the labels will jump to where you want them to be. You must
> set the xsize in order for this to happen, it will not resize and
> reposition automagically, but carrying around an additional widget ID is
> not that hard.
```

Useful layout trick. Does this work for everyone? Why does Linux suffer here? Unless I realize the widgets first, and set the xsize after, the labels are piled up on each other (see turtle.as.arizona.edu/idl/test_pre.png and turtle.as.arizona.edu/idl/test_fix.png). But even that doesn't really fix it, cutting off part of the "t" in "right".

Then when it gets resized, and a TLB_SIZE_EVENTS comes in, it is clearly lying about the "frame-free" size of the usable window area, and the widgets are resized to overfill the window (see turtle.as.arizona.edu/idl/test_post.png). Does anyone at RSI actually go through the layout on all of their systems to see what works?

