
Subject: Re: Right justifying text
Posted by [davidf](#) on Thu, 02 Dec 1999 08:00:00 GMT
[View Forum Message](#) <> [Reply to Message](#)

Robert S. Mallozzi (Robert.Mallozzi@msfc.nasa.gov) writes:

```
> If you set the size of the text area explicitly, you
> could do something like this:
>
>   xsize = 40
>   ysize = 1
>   base  = WIDGET_BASE (/COLUMN)
>   text  = WIDGET_TEXT (base, XSIZE = xsize, YSIZE = ysize, VALUE = "")
>   WIDGET_CONTROL, /REALIZE, base
>
>   num = 10.00
>   fmt = "(F" + STRTRIM (xsize, 2) + ".2)" ; F40.2
>
>   str = STRING (num, FORMAT = fmt)
>   WIDGET_CONTROL, text, SET_VALUE = str
>
> You could make the number of digits after the decimal point a
> parameter as well; here I just hardcoded it to 2.
```

Humm. Maybe if you have a non-proportionally spaced font in the text widget, but I doubt otherwise. A table widget allows you to justify text. Maybe Phil Aldis will write us a nice CW_FIELD-like compound widget object that uses a Table Widget rather than a text widget. :-)

Cheers,

David

--

David Fanning, Ph.D.
Fanning Software Consulting
Phone: 970-221-0438 E-Mail: davidf@dfanning.com
Coyote's Guide to IDL Programming: <http://www.dfanning.com/>
Toll-Free IDL Book Orders: 1-888-461-0155

Subject: Re: Right justifying text
Posted by [robert.mallozzi](#) on Thu, 02 Dec 1999 08:00:00 GMT
[View Forum Message](#) <> [Reply to Message](#)

In article <3846E255.EA3BB3FB@va.aetc.com>,
Bernard Puc <bpuc@va.aetc.com> writes:

```
> Hello,  
>  
> Does anyone have a method of right-justifying text in a text widget?  
> I'm trying to display a single floating point numeral in a widget_text  
> field.  
> Thanks for any ideas.
```

If you set the size of the text area explicitly, you could do something like this:

```

xsize = 40
ysize = 1
base = WIDGET_BASE (/COLUMN)
text = WIDGET_TEXT (base, XSIZE = xsize, YSIZE = ysize, VALUE = ")
WIDGET CONTROL, /REALIZE, base

```

```
num = 10.00
fmt = "(F" + STRTRIM (xsize, 2) + ".2)" ; F40.2
```

```
str = STRING (num, FORMAT = fmt)
WIDGET_CONTROL, text, SET_VALUE = str
```

You could make the number of digits after the decimal point a parameter as well; here I just hardcoded it to 2.

Regards,

-bob

—

Robert S. Mallozzi 256-544-0887
Mail Code SD 50
<http://gammaray.msfc.nasa.gov/> Marshall Space Flight Center
<http://cspar.uah.edu/~mallozzir/> Huntsville, AL 35812

Subject: Re: Right justifying text
Posted by [Phil Aldis](#) on Fri, 03 Dec 1999 08:00:00 GMT
[View Forum Message](#) <> [Reply to Message](#)

David Fanning <davidf@dfanning.com> wrote in message
news:MPG.12b0b6aa4ed8c11b9899ae@news.frii.com...
> Robert S. Mallozzi (Robert.Mallozzi@msfc.nasa.gov) writes:

```
>
>> If you set the size of the text area explicitly, you
>> could do something like this:
>>
>>   xsize = 40
>>   ysize = 1
>>   base = WIDGET_BASE (/COLUMN)
>>   text = WIDGET_TEXT (base, XSIZE = xsize, YSIZE = ysize, VALUE = "")
>>   WIDGET_CONTROL, /REALIZE, base
>>
>>   num = 10.00
>>   fmt = "(F" + STRTRIM (xsize, 2) + ".2)" ; F40.2
>>
>>   str = STRING (num, FORMAT = fmt)
>>   WIDGET_CONTROL, text, SET_VALUE = str
>>
>> You could make the number of digits after the decimal point a
>> parameter as well; here I just hardcoded it to 2.
>
> Humm. Maybe if you have a non-proportionally spaced
> font in the text widget, but I doubt otherwise. A
> table widget allows you to justify text. Maybe
> Phil Aldis will write us a nice CW_FIELD-like compound
> widget object that uses a Table Widget rather than a text
> widget. :-)
>
```

As I've almost finished term for my 6 week Christmas holiday (life's so hard) then I would have been happy to give this a go. There is one major problem which will stop it from working however. You can't create table widgets that don't have scroll bars and so you can't create a single standalone cell, which could look like a CW_Field. Try this code to see what I mean:

```
base = Widget_Base()
table = Widget_Table(base, XSIZE=1, YSIZE=1, VALUE=[0], ROW_LABELS=[' '],
COLUMN_LABELS=[' '], SCROLL=0)
Widget_Control, base, /REALIZE
```

See what I mean - it just looks messy. Well it does on windows, at least, I'm not sure about UNIX. So I', afraid this idea's a bit of a non starter (I think).

Cheers,
Phil

Phil Aldis,
Gonville and Caius College,
Cambridge University,
Cambridge.
CB2 1TA.

Phone: 01223 520026
E-Mail : philaldis@yahoo.com
