

---

Subject: Re: CENTERING TEXT

Posted by [David Foster](#) on Fri, 02 Oct 1998 07:00:00 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

David Sheerin wrote:

>  
> Hi  
>  
> Can anyone tell me how to center text in a text widget?  
> Thanks for any help received.  
>  
> David

David -

I'm procrastinating, so here's a little procedure to do this...

```
=====
; CENTER_TEXT.PRO 10-02-98 DSFoster
;
; Procedure to center a message within a text widget.
```

```
PRO center_text, text_wid, message
```

```
if (widget_info(text_wid, /valid_id) eq 0) then begin
    message, 'Invalid widget identifier: ' + strmid(text_wid,2), /info
endif else if (widget_info(text_wid, /name) ne 'TEXT') then begin
    message, 'Widget ID not a text widget: ' + strmid(text_wid,2), /info
endif else if (n_params() lt 2) then begin
    message, 'Missing required parameters', /info
endif else begin
```

```
    geom = widget_info(text_wid, /geometry)
    xsize = round(geom.xsize) ; Size of text widget in chars
```

```
    ok = execute( "str = string(' ', format='(a" + $
                  strtrim(xsize,2) + ")')" )
```

```
    start = 0 > round((xsize - strlen(message))/2)
    strput, str, message, start
    widget_control, text_wid, set_value=str
endelse
```

```
return
END
```

```
=====
```

Dave

--

~~~~~  
David S. Foster      Univ. of California, San Diego  
Programmer/Analyst   Brain Image Analysis Laboratory  
foster@bial1.ucsd.edu   Department of Psychiatry  
(619) 622-5892      8950 Via La Jolla Drive, Suite 2240  
                                 La Jolla, CA 92037  
~~~~~

---