
Subject: How do i write an "application progress" widget ?
Posted by lbuset@yahoo.it on Wed, 29 Apr 2009 12:26:42 GMT
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Hi all,

I'm writing an IDL application and I need a "progress message" to be output to the user providing information about process completion status. I'm currently trying something like this:

```
Message_wid = WIDGET_BASE(title = 'Processing', xsize = 300, Ysize =  
100, /base_align_center, $  
    xoffset = 200, yoffset = 200, /COLUMN, TLB_FRAME_ATTR=1+2+8+16)  
  
prog_wid = WIDGET_LABEL(message_wid, value = "", uname = 'range_label',  
$  
    font='Arial*12*Bold', ysize = 16, xsize = 200)  
  
WIDGET_CONTROL, message_wid, /REALIZE  
count = 4  
  
FOR i = 0, 3L do begin ; Main Cycle of the application  
  
    ; Update the "processing message"  
  
    Progress_mess = 'Processing Range: '+STRTRIM(i+1,2)+' of  
'+STRTRIM(count,2)  
    WIDGET_CONTROL, prog_wid, set_value = Progress_mess  
  
    ; Do something  
    for k = 0L, 500000 do begin ; Do something  
        dummy = indgen (10000)  
    endfor  
endfor  
end
```

This works well if I don't do anything on my PC during program execution, but if I pass to another application (e.g., word, explorer, etc) and then I try to visualize again the progress window by selecting the corresponding "button" on the windows application toolbar, frequently the progress window does not show up anymore, or it shows up as "blank" (only the title is visible).

What do I need to do to make a "progress widget" like this to be correctly displayed ?

Thanks in advance for the help,

Lorenzo
