
Subject: Widget_Label times

Posted by [Ken Stone](#) on Wed, 04 Jun 1997 07:00:00 GMT

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Content-Type: text/plain; charset=us-ascii

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Hello,

I've tried the attached routine on AIX, Linux and NT. The NT results seem a bit odd. The time it takes to update the widget_label increases with each loop iteration. Memory usage goes up also. Linux and AIX however show no such signs of "leakage". Has anyone else seen this type of problem?

Ken Stone

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Content-Type: text/plain; charset=us-ascii; name="testwc.pro"

Content-Transfer-Encoding: 7bit

Content-Disposition: inline; filename="testwc.pro"

;; Test

N = 5

M = 1000

times = fltarr(N)

w1 = widget_base()

cw1 = widget_label(w1, value=" Hello there, Fred!")

widget_control, /realize, w1

for j = 0, N-1 do begin

 t1 = systime(1)

 for i = 0, M do begin

 str = string(i)

 widget_control, cw1, set_value = str

 endfor

 et = systime(1) - t1

 help, /mem

 print, " N =", j, " incremental time = ", systime(1)-t1

 times(j) = et

endfor

```
sd = stdev(times, mean)
print, "Mean time and std. dev =", mean, sd
print, "Total time = ", total(times)
widget_control, w1, /destroy
```

end

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