
Subject: Re: real time

Posted by [Rick Towler](#) on Mon, 24 Nov 2008 17:41:53 GMT

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Write an application that uses a timer event loop to check the directory of interest at a frequency that is appropriate. While timers are part of the widget framework, you don't have to write a full blown GUI app. Simply create a widget base with MAP=0. Here's a simple example:

```
pro timer_test_event, ev

; get our nReps data
Widget_Control, ev.id, GET_UVALUE=nReps

; increment our counter
++nReps[0]

; print a message
print, 'Hello!'

if (nReps[0] LE nReps[1]) then begin
; set another timer event if we're not done
WIDGET_CONTROL, ev.top, TIMER=1
; update the nReps data
WIDGET_CONTROL, ev.id, SET_UVALUE=nReps
endif else begin
print, 'Done'
WIDGET_CONTROL, ev.top, /DESTROY
endelse

end

pro timer_test

; define a variable to store the total number of reps
; and the current repetition
nReps = [1, 10]

; create a widget base, set map=0 so we never see it
timerBase = WIDGET_BASE(MAP=0)
WIDGET_CONTROL, timerBase, /REALIZE

; store our nReps value in the user value of the widget
WIDGET_CONTROL, timerBase, SET_UVALUE=nReps

; set the timer for a 1 second delay
WIDGET_CONTROL, timerBase, TIMER=1
```

```
; start xmanager to handle our events  
XMANAGER, 'timer_test', timerBase, /NO_BLOCK
```

end

-Rick

mauroasi@iol.it wrote:

- > Hi,
 - > someone knows if exists some way to monitor a folder with Idl? I would
 - > like automatically execute a procedure when a file occurs in a
 - > determinate folder, I mean is it possible elaborate data in real time?
 - > I have to download data in a folder and need to elaborate them
 - > immediately.
 - >
 - > Thanks
 - > Mauro
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