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 repitition
  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