HyperCard: Automatically Returning to First Card on Idle (4/93)

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TOPIC ---

I'm writing a HyperCard stack to control a directory kiosk for our museum.
I would like to have the program automatically return to the first screen
if it has not been used for over 30 seconds. How would I go about adding
this feature to my stack?"

DISCUSSION --

Here is one way to implement this feature. The following script will
automatically return to the first card in a stack when it has remained on
any card for more than 30 seconds and the mouse has not moved. If you are
performing some operations and you would like to reset the time manually,
you can call the resetTime handler which has the same affect as moving the
cursor. The time will be automatically reset when the user goes to a new
card so it is not necessary to reset the time when going to a new card.

Put this code in a stack or background script:

```
  on openCard
    global startTime, cursorLoc
    put the long time into startTime
    convert startTime to seconds
    put the mouseLoc into cursorLoc
  end openCard

  on idle
    global startTime, cursorLoc
    -- Change the next line to set your time limit.
    put 30 into timeLimit
    -- Change the next line to set the return card number.
    put 1 into returnCard
    put the mouseLoc into currentLoc
    if cursorLoc <> currentLoc then
      put currentLoc into cursorLoc
      resetTime
    end if
    put the long time into endTime
    convert endTime to seconds
```

```
   if (endTime - startTime) > timeLimit then
     if the number of this card <> returnCard then
       go to card returnCard
     end if
     resetTime
   end if
 end idle

 on resetTime
   global startTime
   put the long time into startTime
   convert startTime to seconds
 end resetTime
```

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