

Re: loop never exits on ESC

Source:

<http://www.tech-archive.net/Archive/Fox/microsoft.public.fox.programmer.exchange/2004-12/0638.html>

From: rajani (rajani_at_discussions.microsoft.com)

Date: 12/09/04

Date: Wed, 8 Dec 2004 21:01:02 -0800

Sietse

I just added following command in my code

```
ON KEY LABEL ins MESSAGEBOX('hi')
```

but no matter how many times i press INS key i dont get any messagebox.

if run the abv command in command window then it works!

"Sietse Wijnker" wrote:

```
> Hi Rajani,  
> You've placed the ON ESCAPE within the loop. You should place the ON ESCAPE  
> outside the loop. It functions much like the ON KEY LABEL.  
> Once set, the command that should be executed is stored.  
> Also, to avoid scope-issues, the cancel variable can be made public:  
> *- Start of method  
> PUBLIC glCancel  
> ON ESCAPE glCancel = .T.  
>  
> *- your code here...  
>  
> *- End of method  
> ON ESCAPE  
> RELEASE glCancel  
>  
> When this is in place, you can remove the INKEY() code block  
> To also check for the insert key, you can place this code after the ON  
> ESCAPE glCancel = .T. line:  
> IF gldevelop  
> ON KEY LABEL Ins glCancel = .T.  
> ENDIF  
>  
> Also dont forget to reset it:  
> ON KEY LABEL Ins  
>  
> As for debugging, you might want to create a breakpoint on a specific line.  
> Then set the passcount on the breakpoints dialog form (Ctrl+B) to break  
> after a specific amount of times the line has executed. You could also try
```

```
> to add a watch expression testing the glCancel and setting a breakpoint on
> that.
>
> HTH,
> Sietse Wijnker
>
> "rajani" <rajani@discussions.microsoft.com> wrote in message
> news:E3354DE7-D817-4AE3-976F-FD2DAB1E8364@microsoft.com...
> > Sietse
> > Yes,i am calling form Refresh method & even tried doevents but no avail.
> >
> > actual code is(hope that make sense :- ) i added comments wherver possible.
> >
> > LOCAL lnTime, lnNext, lnCnt, ldStart
> >
> > lnTime = -1 && Starting time
> >
> > * Start search at current date time unless otherwise specified
> > IF EMPTY(tdStart)
> > tdStart = TTOD(THIS.tDate)
> > * Start searching at the end of the current slot
> > lnTime = THIS.GetSlotTime(THIS.GetCurrentRow()) +
> > THIS.GetSlotDuration(THIS.GetCurrentRow()) - 1
> > ENDIF
> > IF !EMPTY(tnStartTime)
> > lnTime = tnStartTime
> > ENDIF
> >
> >
> > * Search result vars
> > ldStart = tdStart && date iterator
> > lnSearch = -1 &&populated when search sucessful
> > llCancel = .F. && cancelled search indicator
> > lcResource = THIS.cCurrentPageOwner && default pageowner
> >
> > ncnt=0
> >
> > * loop through each day from search date
> > DO WHILE .T.
> > ncnt = ncnt +1
> >
> >
> > FOR lnCnt = 1 TO IIF(tlAllPageOwners,
> > THIS.oToolbar.GetArrayLength(THIS),1)
> > *ALEN(THIS.oToolbar.aPageOwners,1), 1)
> >
> > * set the resource (if all pageowners required in search)
> > IF tlAllPageOwners
> > lcResource = THIS.oToolbar.GetPageOwner(THIS,lnCnt,2)
> > *THIS.oToolBar.aPageOwners[lnCnt,2]
> > ENDIF
```

```
>>
>> * Set relevant filters
>> THIS.Shift.SetFilter( DTOT(ldStart) , lcResource)
>> THIS.Booking.SetFilter(DTOT(ldStart) , lcResource)
>>
>> lnIndex = lnTime
>>
>> lnFree = 0 && incrementer totalling consecutive free time
>> lnFreeStart = -1 && starting time of current free space total
>>
>> DO WHILE .T.
>> ON ESCAPE llCancel =.t.
>>
>> * allow ESC or insert (for dev) to cancel seach
>> lnKey = INKEY()
>>
>> IF lnKey = 27 OR (gldevelop AND lnkey = 22) && this code never works
>> llCancel = .T.
>> EXIT
>> ENDIF
>>
>> lnNext = 9999
>>
>> * Get next slot from shift setup
>> lnShift = THIS.Shift.GetNextTime(lnIndex,.T.)
>> lnNext = MIN(lnNext,lnShift)
>>
>> * Get next booking
>> lnBooking = THIS.Booking.GetNextTime(lnIndex,.T.)
>> lnNext = MIN(lnNext,lnBooking)
>>
>> * if no further slots, exit
>> IF lnNext = 9999
>> EXIT
>> ENDIF
>>
>> DO CASE
>> CASE lnBooking == lnNext
>> * Fakedraw sets the booking.nend property
>> THIS.Booking.FakeDraw()
>> IF THIS.Booking.Free() AND;
>> (EMPTY(tcType) OR THIS.Booking.cType == tcType);
>> AND (TYPE('toHook') != 'O' OR toHook.ValidBooking(booking.pkey,1))
>> lnFree = lnFree + THIS.Booking.nSlotSize
>> IF lnFreeStart = -1
>> lnFreeStart = lnNext
>> ENDIF
>> ELSE
>> lnFree = 0
>> lnFreeStart = -1
>> ENDIF
```

```
>> * ensure search continues from the END of the booking
>> IF THIS.Booking.nEnd > 0
>> lnNext = THIS.Booking.nEnd - 1
>> ENDIF
>>
>> CASE lnShift == lnNext
>> IF (EMPTY(tcType) OR THIS.Shift.cType == tcType);
>> AND (TYPE('toHook') != 'O' OR
>> toHook.ValidBooking(THIS.shift.cShiftKey,2))
>>
>> lnFree = lnFree + THIS.Shift.nSlotSize
>> IF lnFreeStart = -1
>> lnFreeStart = lnNext
>> ENDIF
>> ELSE
>> lnFree = 0
>> lnFreeStart = -1
>> ENDIF
>> ENDCASE
>>
>> * if free length enough (successful search), exit
>> IF lnFree >= tnLength AND !EMPTY(lnFree)
>> lnSearch = lnFreeStart
>> EXIT
>> ENDIF
>>
>> * update the search index
>> lnIndex = lnNext
>> WAIT WINDOW NOWAIT "count value "+TRANSFORM(ncnt)
>> IF llCancel OR ncnt>600 && i just added this to force exit
>> llCancel = .T.
>> EXIT
>> ENDIF
>> ENDDO
>>
>> * test for sucessful search , or cancel
>> IF lnSearch > -1 OR llCancel
>> EXIT
>> ENDIF
>>
>> ENDFOR
>>
>> * test for sucessful search , or cancel
>> IF lnSearch > -1 OR llCancel
>> EXIT
>> ENDIF
>>
>> * increment date
>> ldStart = ldStart + 1
>>
>> * test for search end date
```

microsoft.public.fox.programmer.exchange: Re: loop never exits on ESC

```
> > IF !EMPTY(tnEnd) AND GOMONTH(tdStart,tnEnd) < ldStart
> > EXIT
> > ENDIF
> >
> > lnTime = -1 && ensure subsequent days start at earliest
> >
> > * update the progress form
> > THIS.SearchProgress(ldStart) && this is the form that displays date
> >
> > ENDDO
> >
> >
>
>
>
```