Subject: Re: cannt disable widget timer event?
Posted by David Fanning on Mon, 30 Jan 2006 13:21:20 GMT

Weihua FANG writes:

> is it possible to disable widget timer event? yes, possible to avoid
> executing part of codes in timer event procedure. but for efficient
> consideration, is it possible to disable widget timer event like
> disable other events, say, something like
>
> WIDGET_CONTROL, my_widget, DRAW_MOTION_EVENTS = 0
>
> WIDGET_CONTROL, my_widget, Timer_Events= 1
> WIDGET_CONTROL, my_widget, Timer_interval= 0.2

Widget timer events are one-shot events. If you don't
set them, they don't happen. Simple as that.

> Am I asking to much from IDL?

Probably. I think you should ask for no events from
your IDL programmer :-)

Cheers,

David

--
David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: http://www.dfanning.com/

Subject: Re: cannt disable widget timer event?
Posted by Weihua FANG on Tue, 31 Jan 2006 02:30:17 GMT

hi, David,

thanks for your reply.

the problem is that I have to set and cancel timer event again and
again in my application.

David Fanning wrote:

> Weihua FANG writes:
>
>> is it possible to disable widget timer event? yes, possible to avoid
>> executing part of codes in timer event procedure. but for efficient
>> consideration, is it possible to disable widget timer event like
>> disable other events, say, something like
>>
>> WIDGET_CONTROL, my_widget, DRAW_MOTION_EVENTS = 0
>>
>> WIDGET_CONTROL, my_widget, Timer_Events= 1
>> WIDGET_CONTROL, my_widget, Timer_interval= 0.2
>
> Widget timer events are one-shot events. If you don't
> set them, they don't happen. Simple as that.
>
>> Am I asking to much from IDL?
>
> Probably. I think you should ask for no events from
> your IDL programmer :-)
>
> Cheers,
>
> David
>
>
> --
> David Fanning, Ph.D.
> Fanning Software Consulting, Inc.
> Coyote's Guide to IDL Programming: http://www.dfanning.com/

Subject: Re: cannt disable widget timer event?
Posted by David Fanning on Tue, 31 Jan 2006 02:53:22 GMT
View Forum Message <> Reply to Message

Weihua FANG writes:

> the problem is that I have to set and cancel timer event again and
> again in my application.

Well, that's not the *problem*, that's the *solution*. :-)
In any case, that's how it works.

Cheers,

David

--

David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: http://www.dfanning.com/

Subject: Re: cannt disable widget timer event?
Posted by Weihua FANG on Tue, 31 Jan 2006 03:10:26 GMT

hi,

just found that setting timer to a negative value would disable timer
event. :-)

seems it is not documented in the help.

David Fanning wrote:
> Weihua FANG writes:
>
>> the problem is that I have to set and cancel timer event again and
>> again in my application.
>
> Well, that's not the *problem*, that's the *solution*. :-)
> In any case, that's how it works.
>
> Cheers,
>
> David
>
> --
> David Fanning, Ph.D.
> Fanning Software Consulting, Inc.
> Coyote's Guide to IDL Programming: http://www.dfanning.com/

Subject: Re: cannt disable widget timer event?
Posted by David Fanning on Tue, 31 Jan 2006 04:03:52 GMT

Weihua FANG writes:

> just found that setting timer to a negative value would disable timer
> event. :-)

Uh, huh. And how is that different from NOT setting
the next timer event?

Cheers,

David

--
David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: http://www.dfanning.com/

Subject: Re: cannt disable widget timer event?
Posted by Weihua FANG on Tue, 31 Jan 2006 05:32:03 GMT

Hi, David,

here is a examle of my code. I cancel timer event by setting a negative
value. How will you do that?

```
PRO timer_example_event, ev

  WIDGET_CONTROL, ev.ID, GET_UVALUE=uval
  IF (TAG_NAMES(ev, /STRUCTURE_NAME) EQ 'WIDGET_TIMER') THEN BEGIN
    PRINT, 'Timer Fired'
    WIDGET_CONTROL, ev.TOP, TIMER=1
  ENDIF

  CASE uval OF
   'timer' : BEGIN
     WIDGET_CONTROL, ev.TOP, Timer = 1
     END
   'otherjobs' : BEGIN
     print, 'other jobs here'
     END
   'stoptimer' : BEGIN
     ; set a negative value to slope timer
     WIDGET_CONTROL, ev.TOP, TIMER=-1
     END
  ELSE:
  ENDCASE

END

PRO timer_example

  base = WIDGET_BASE(/COLUMN, UVALUE='base')
```

```
b1 = WIDGET_BUTTON(base, VALUE='Fire event', UVALUE='timer')
b2 = WIDGET_BUTTON(base, VALUE='Other job', UVALUE='otherjobs')
b3 = WIDGET_BUTTON(base, VALUE='Stop Timer', UVALUE='stoptimer')
WIDGET_CONTROL, base, /REALIZE
XMANAGER, 'timer_example', base, /NO_BLOCK

END
```

> Weihua FANG writes:
>
>> just found that setting timer to a negative value would disable timer
>> event. :-)
>
> Uh, huh. And how is that different from NOT setting
> the next timer event?
>
> Cheers,
>
> David
>
> --
> David Fanning, Ph.D.
> Fanning Software Consulting, Inc.
> Coyote's Guide to IDL Programming: http://www.dfanning.com/

Subject: Re: cannt disable widget timer event?
Posted by David Fanning on Tue, 31 Jan 2006 05:48:54 GMT

Weihua FANG writes:

> here is a examle of my code. I cancel timer event by setting a negative
> value. How will you do that?

I'd do it by removing the line that sets the timer in
the "stoptimer" part of the CASE statement. :-)

Cheers,

David
--
David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: http://www.dfanning.com/

Subject: Re: cannt disable widget timer event?
Posted by Weihua FANG on Tue, 07 Feb 2006 10:43:52 GMT
View Forum Message <> Reply to Message

well, thanks for your reply.

David Fanning wrote:
> Weihua FANG writes:
>
>> here is a examle of my code. I cancel timer event by setting a negative
>> value. How will you do that?
>
> I'd do it by removing the line that sets the timer in
> the "stoptimer" part of the CASE statement. :-)
>
> Cheers,
>
> David
>
> --
> David Fanning, Ph.D.
> Fanning Software Consulting, Inc.
> Coyote's Guide to IDL Programming: http://www.dfanning.com/