
Subject: Re: re-create a widget

Posted by [jeffnetles4870](#) on Thu, 11 Mar 2010 03:55:23 GMT

[View Forum Message](#) <> [Reply to Message](#)

On Mar 10, 12:30 pm, titan <thunder...@inwind.it> wrote:

```
> Hi all,
> I'm trying to write a simple widget which permits to insert 2 values
> and check if the min value is less than the max value. If not a
> message error appears. My problem is that once the "quit" button of
> this error message is pressed I'm not able to re-open the first widget
> in order to correct the values inserted.
> How can I handle this aspect?
>
> thanks
>
> here you can find the code:
>
> PRO quit_button_event, event
> WIDGET_CONTROL,event.top,/DESTROY ;
> END
>
> input_param = WIDGET_AUTO_BASE(title='Input data range')
>
> p1 = WIDGET_PARAM(input_param, /auto_manage, dt=4, field=3,
> DEFAULT='7.5',$
>          prompt='minimum std dev of heights value',
> uvalue='p1')
>
> p2 = WIDGET_PARAM(input_param, /auto_manage, dt=4, field=3,
> DEFAULT='4.5',$
>          prompt='maximum std dev of heights value',
> uvalue='p2')
> result=AUTO_WID_MNG(input_param)
> IF (result.accept eq 0) THEN return
>
> min_val = result.p1
> max_val = result.p2
>
> IF (min_val GT max_val) THEN BEGIN
> base_err = WIDGET_BASE(TITLE = 'INPUT ERROR info', XSIZE = 500, /
> COLUMN, XOFFSET=500, YOFFSET=300)
>   row_err = WIDGET_BASE(base_err, /ROW,/FRAME)
>   err_label = WIDGET_LABEL(row_err,VALUE='ERROR MESSAGE ',/
> DYNAMIC_RESIZE)
>   err_msg = widget_TEXT(row_err,VALUE='Please check if the
> maximum/minimum order inserted is correct',XSIZE=60)
>   row_quit_button = WIDGET_BASE(base_err, /ROW,/FRAME, /
> ALIGN_CENTER)
```

```

>      quit_button= WIDGET_BUTTON(row_quit_button, VALUE='QUIT',
> UVALUE='Quit', XSIZE = 100,/ALIGN_CENTER)
>      WIDGET_CONTROL, base_err, /REALIZE
>      XMANAGER, 'wid_err',
> base_err,event_handler='quit_button_event'
>      ENDIF
> end

```

If nothing else you can always have your error message say "You need to fix your values" or something to that effect, then just redisplay the original widget, check it again, and repeat as necessary...

Subject: Re: re-create a widget

Posted by [titan](#) on Thu, 11 Mar 2010 23:07:16 GMT

[View Forum Message](#) <> [Reply to Message](#)

On Mar 11, 4:55 am, "Jeff N." <jeffnettles4...@gmail.com> wrote:

> On Mar 10, 12:30 pm, titan <thunder...@inwind.it> wrote:

>
>
>

>> Hi all,

>> I'm trying to write a simple widget which permits to insert 2 values

>> and check if the min value is less than the max value. If not a

>> message error appears. My problem is that once the "quit" button of

>> this error message is pressed I'm not able to re-open the first widget

>> in order to correct the values inserted.

>> How can I handle this aspect?

>

>> thanks

>

>> here you can find the code:

>

>> PRO quit_button_event, event

>> WIDGET_CONTROL,event.top,/DESTROY ;

>> END

>

>> input_param = WIDGET_AUTO_BASE(title='Input data range')

>

>> p1 = WIDGET_PARAM(input_param, /auto_manage, dt=4, field=3,

>> DEFAULT='7.5',\$

>> prompt='minimum std dev of heights value',

>> uvalue='p1')

>

>> p2 = WIDGET_PARAM(input_param, /auto_manage, dt=4, field=3,

>> DEFAULT='4.5',\$

>> prompt='maximum std dev of heights value',

```

>> uvalue='p2')
>> result=AUTO_WID_MNG(input_param)
>> IF (result.accept eq 0) THEN return
>
>> min_val = result.p1
>> max_val = result.p2
>
>> IF (min_val GT max_val) THEN BEGIN
>> base_err = WIDGET_BASE(TITLE = 'INPUT ERROR info', XSIZE = 500, /
>> COLUMN, XOFFSET=500, YOFFSET=300)
>>     row_err = WIDGET_BASE(base_err, /ROW,/FRAME)
>>     err_label = WIDGET_LABEL(row_err,VALUE='ERROR MESSAGE ',/
>> DYNAMIC_RESIZE)
>>     err_msg = widget_TEXT(row_err,VALUE='Please check if the
>> maximum/minimum order inserted is correct',XSIZE=60)
>>     row_quit_button = WIDGET_BASE(base_err, /ROW,/FRAME, /
>> ALIGN_CENTER)
>>     quit_button= WIDGET_BUTTON(row_quit_button, VALUE='QUIT',
>> UVALUE='Quit', XSIZE = 100,/ALIGN_CENTER)
>>     WIDGET_CONTROL, base_err, /REALIZE
>>     XMANAGER, 'wid_err',
>> base_err,event_handler='quit_button_event'
>>     ENDIF
>> end
>
> If nothing else you can always have your error message say "You need
> to fix your values" or something to that effect, then just redisplay
> the original widget, check it again, and repeat as necessary...

```

Ehm the fact is that I'm having problem with how to redisplay the original widget..

Could you please explain what you mean?

I'm wondering if the problem is related to the fact that I used an AUTO_MANAGE widget..

thanks

Subject: Re: re-create a widget

Posted by [Robert Moss, PhD](#) on Sat, 13 Mar 2010 15:22:36 GMT

[View Forum Message](#) <> [Reply to Message](#)

On Mar 11, 6:07 pm, titan <thunder...@inwind.it> wrote:

> On Mar 11, 4:55 am, "Jeff N." <jeffnettles4...@gmail.com> wrote:

>

>

>

>> On Mar 10, 12:30 pm, titan <thunder...@inwind.it> wrote:

>

```

>>> Hi all,
>>> I'm trying to write a simple widget which permits to insert 2 values
>>> and check if the min value is less than the max value. If not a
>>> message error appears. My problem is that once the "quit" button of
>>> this error message is pressed I'm not able to re-open the first widget
>>> in order to correct the values inserted.
>>> How can I handle this aspect?
>
>>> thanks
>
>>> here you can find the code:
>
>>> PRO quit_button_event, event
>>> WIDGET_CONTROL,event.top,/DESTROY ;
>>> END
>
>>> input_param = WIDGET_AUTO_BASE(title='Input data range')
>
>>> p1 = WIDGET_PARAM(input_param, /auto_manage, dt=4, field=3,
>>> DEFAULT='7.5',$
>>>          prompt='minimum std dev of heights value',
>>> uvalue='p1')
>
>>> p2 = WIDGET_PARAM(input_param, /auto_manage, dt=4, field=3,
>>> DEFAULT='4.5',$
>>>          prompt='maximum std dev of heights value',
>>> uvalue='p2')
>>> result=AUTO_WID_MNG(input_param)
>>> IF (result.accept eq 0) THEN return
>
>>> min_val = result.p1
>>> max_val = result.p2
>
>>> IF (min_val GT max_val) THEN BEGIN
>>> base_err = WIDGET_BASE(TITLE = 'INPUT ERROR info', XSIZE = 500, /
>>> COLUMN, XOFFSET=500, YOFFSET=300)
>>>   row_err = WIDGET_BASE(base_err, /ROW,/FRAME)
>>>   err_label = WIDGET_LABEL(row_err,VALUE='ERROR MESSAGE ',/
>>> DYNAMIC_RESIZE)
>>>   err_msg = widget_TEXT(row_err,VALUE='Please check if the
>>> maximum/minimum order inserted is correct',XSIZE=60)
>>>   row_quit_button = WIDGET_BASE(base_err, /ROW,/FRAME, /
>>> ALIGN_CENTER)
>>>   quit_button= WIDGET_BUTTON(row_quit_button, VALUE='QUIT',
>>> UVALUE='Quit', XSIZE = 100,/ALIGN_CENTER)
>>>   WIDGET_CONTROL, base_err, /REALIZE
>>>   XMANAGER, 'wid_err',
>>> base_err,event_handler='quit_button_event'

```

```
>>> ENDIF
>>> end
>
>> If nothing else you can always have your error message say "You need
>> to fix your values" or something to that effect, then just redisplay
>> the original widget, check it again, and repeat as necessary...
>
> Ehm the fact is that I'm having problem with how to redisplay the
> original widget..
> Could you please explain what you mean?
> I'm wondering if the problem is related to the fact that I used an
> AUTO_MANAGE widget..
> thanks
```

Yes, it is because you are using an auto managed widget. I advise using a modal widget and skipping the auto_manage bits.

r
