
Subject: Re: How to keep a widget in front?
Posted by [fireman](#) on Wed, 15 Nov 1995 08:00:00 GMT
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In article <48djl\$8f@post.gsfc.nasa.gov>, thompson@orpheus.nascom.nasa.gov (William Thompson) writes...

> Supposed that you added a TIMER event to
> your widget base. Then you could use that to bring the window to the
> foreground at regular intervals, e.g. once per second.

I followed up on Bill's suggestion by writing this little routine. I don't know how far back timer events go, but it works just fine under IDL 3.6.1. Sadly, I am bound to version 3.0.0, which doesn't have timer events; I'll just have to pass around the widget IDs and use WIDGET_CONTROL,/SHOW.

```
PRO LITTLE_EV, EVENT
WIDGET_CONTROL, event.id, GET_UVALUE = eventval
if eventval eq 'EXIT' then WIDGET_CONTROL, event.top, /DESTROY
if eventval eq 'POP_FRONT' then WIDGET_CONTROL, event.top, /SHOW, timer=1
end
```

```
PRO LITTLE
base = WIDGET_BASE(uvalue='POP_FRONT')
button = widget_button(base, value='EXIT', uvalue='EXIT')
WIDGET_CONTROL, base, /REALIZE
WIDGET_CONTROL, base, timer=1
XManager, "LITTLE", base, EVENT_HANDLER = "LITTLE_EV"
end
```

Gwyn Fireman, fireman@gsfc.nasa.gov, speaking only for myself.

Subject: Re: How to keep a widget in front?
Posted by [thompson](#) on Wed, 15 Nov 1995 08:00:00 GMT
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fireman@iuegtc.gsfc.nasa.gov (Gwyn F. Fireman) writes:

> How do I keep an IDL widget in front of all windows? I have a small
> floating widget and don't want to lose sight of it when clicking on the
> larger widget behind it. I'd prefer not to use WIDGET_CONTROL,/SHOW as it
> would mean always passing the ID for the smaller widget to the event
> handler of the larger - and the two may be unrelated.

Gwyn:

Here's an idea that I haven't tested. Supposed that you added a TIMER event to your widget base. Then you could use that to bring the window to the foreground at regular intervals, e.g. once per second.

Bill Thompson

Subject: Re: How to keep a widget in front?
Posted by [sjt](#) on Thu, 16 Nov 1995 08:00:00 GMT
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Gwyn F. Fireman (fireman@iuegtc.gsfc.nasa.gov) wrote:
: How do I keep an IDL widget in front of all windows? I have a small
: floating widget and don't want to lose sight of it when clicking on the
: larger widget behind it. I'd prefer not to use WIDGET_CONTROL,/SHOW as it
: would mean always passing the ID for the smaller widget to the event
: handler of the larger - and the two may be unrelated.

: Thanks in advance,
: Gwyn
: ---
: Gwyn Fireman, fireman@gsfc.nasa.gov, speaking only for myself.

Here's one kludge solution which I use:

1) Give a normally non-event generating widget [e.g. a base or a label -- hereafter called the dummy widget] within the floating widget a UVALUE (assuming you handle your events by UVALUE).

2) After realizing the floating widget, send a timer event to the dummy widget with a delay of (say) 2 seconds.

3) In the event handler for you floating widget have the event action for the dummy consist of:

```
widget_control, event.top, /show  
widget_control, event.id, timer=2.0
```

While this won't make it un-hideable, at least it will pop to the front every 2 seconds.

--

```
+-----+-----+-----+  
| James Tappin,      | School of Physics & Space Research | O__ |  
| sjt@star.sr.bham.ac.uk | University of Birmingham      | -- V^ |  
| Ph: 0121-414-6462. Fax: 0121-414-3722      | |  
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```
