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 <48djln\$b8f@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 View Forum Message <> Reply to Message

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 View Forum Message <> Reply to Message

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
- ٠ ___
- : 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 actio 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.