Subject: widget_control,tlb_get_offset under Gnome/RH7.1
Posted by Nathaniel Livesey on Fri, 28 Sep 2001 17:19:29 GMT

Dear all,

I seem to be having problems with widget_control,tlb_get_offset
with IDL version 5.4.1 (linux x86) under RedHat 7.1. Whatever the
position of the window in question, it always returns [0,0]. It seems
to be a Gnome related problem, as it works fine under KDE. I tried
updating to the latest version of sawfish (window manager) and that
made no difference. Also using WindowMaker as my window manager (still
under gnome) seemed to make no difference; though I remember it used
to work before I switched to gnome (but that was Sun and SGI). IDL
v5.3 on the same platform seems to behave the same way also.

The RedHat 7.1 version of Gnome is 1.2.4 which is quite old, does
anyone have any experience of IDL under later versions of Gnome?

The program below is a quick test people could try out.

```
pro Test
wTestBase = widget_base(title='Test window', $
  xOffset=700, yOffset=700)
wTestDraw = widget_draw(wTestBase, xSize=200, ySize=200)
widget_control, wTestBase, /realize
widget_control, wTestBase, tlb_get_size=derivedSize, $
  tlb_get_offset=derivedOffset
print, 'Read back position as:', derivedOffset
print, 'Read back size as:',  derivedSize
widget_control, wTestBase, /destroy
end
```

I get:

```
Read back position as:    0.00000    0.00000
Read back size as:    200.000    200.000
```

Whereas one would expect the position to be equal or close to 700,700
(and indeed with KDE that's what one gets).

Anyone got any ideas?

Many thanks in advance.

Nathaniel

```
 ----------------------------------------------------- ------
```

Nathaniel Livesey - Microwave Atmospheric Science Team
Postal address: Mail Stop 183-701, Jet Propulsion Laboratory,
          4800 Oak Grove Drive, Pasadena, California 91109.
    Telephone: [+1] (818) 354 4214 (+voice mail),
         fax: [+1] (818) 393 5065
        Email: livesey@mls.jpl.nasa.gov
Group web page: http://mls.jpl.nasa.gov/
-- -------