
Subject: Re: Is that window open??

Posted by [steinhh](#) on Thu, 03 Apr 1997 08:00:00 GMT

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

In article <brian.jackel.115.5380EC62@uwo.ca>, brian.jackel@uwo.ca (Brian Jackel) writes:

[..]

|> For the "standard" set of windows, DEVICE, WINDOW_STATE=window_state
|> works, but this seems to apply only to windows 0 to 30, and the Draw_widget
|> comes out of a pool from 31 or more. I ran across this when trying to make
|> a window manager which would remember plotting states in different windows,
|> but never found a good way to handle widget windows. In the end I wrapped
|> the WSET inside an EXECUTE(), and caught the error (if any) that way. Please
|> post if some more graceful approach is possible.
|>

I don't think this is a problem - the array size returned
by the WINDOW_STATE keyword expands as you go (at least for
me), e.g.:

```
IDL> device,window_state=w
IDL> help,w
W          BYTE      = Array(32)
IDL> base=widget_base()
IDL> drw=widget_draw(base,xsize=10,ysize=10)
IDL> widget_control,base,/realize
IDL> device,window_state=ww
IDL> help,ww
WW         BYTE      = Array(33)
```

The reason I know is that I once made a system for saving/restoring plot
region states which works OK. It's available as a tiny part of the solarsoft
library (see e.g., http://www.space.lockheed.com/eit/ssw_setup.html)

If you don't want the whole package, the routines are called
pstore.pro, prestore.pro, pconvert.pro, pfind.pro, at
<http://sohowww.nascom.nasa.gov/solarsoft/gen/idl/display/>

There may be dependencies on other software in the solarsoft/gen tree,
though... at least the following:

```
../idl/string/trim.pro
../idl/system/get_viewport.pro
../idl/system/setscale.pro
../idl/system/setwindow.pro
```

Regards,

