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Subject: Re: having IDL output to another X11 window  
Posted by [Jacques Basson](#) on Wed, 11 Sep 2002 13:39:34 GMT  
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David Fanning wrote:

> Bringfried Stecklum (stecklum@tls-tautenburg.de) writes:  
>  
>  
>> Interesting suggestion. I checked it out with the following result  
>>  
>> IDL Version 5.4.1 (linux x86). (c) 2000, Research Systems, Inc.  
>> IDL> window,set\_x\_id='194.94.209.12:0.0'  
>> Xlib: unexpected async reply (sequence 0xaa)!  
>> % X windows protocol error: BadDrawable (invalid Pixmap or Window parameter).  
>>  
>> It seems the keyword is still there but the connection to the X server  
>> could not be established.  
>  
>  
> The ID must be the ID of a X window "visual". I  
> don't recall now what this is exactly, but I'm  
> pretty sure it is not the display number  
> sequence you used. This is a number that the  
> operating system assigns to a window when  
> it is created.  
>  
> You can probably use the GET\_X\_ID keyword when  
> you create a window in IDL to see what one of  
> these would look like. You will have to do some  
> Motif programming, I guess, to get to it.  
>  
> Cheers,  
>  
> David  
>

I have used this recently, and David's description is perfectly correct, so here is a working example.

Run the following wish script to get a window and ID (alternatively check out "man xwininfo" for finding the id of some other window if you don't have wish installed)

```
-----  
#!/bin/sh  
# the next line restarts using wish \  
exec wish "$@" "$@"
```

```
frame .test -width 500 -height 500
```

```
listbox .windowid -height 1  
button .exit -text "Exit" -command exit
```

```
set frameid [wininfo id .test]  
.windowid insert end $frameid
```

```
pack .exit .test .windowid
```

-----

Then in IDL

IDL Version 5.5a (linux x86). (c) 2001, Research Systems, Inc.

```
IDL> window, set_x_id='0x380000e'X  
IDL> plot, findgen(100)
```

Of course you must insert the appropriate ID (in hex above). Works with no problems for me. Don't know about Motif though...

Jacques

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