
Subject: Re: WShow Prayers Answered!

Posted by [David Fanning](#) on Sun, 10 Oct 2010 21:28:31 GMT

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David Fanning writes:

> I've been praying for a LONG time. This is the first
> time I can remember my prayers being answered!
>
> This morning, like every morning, I typed "wshow"
> to bring my IDL graphics window to the foreground,
> and today it worked!!!
>
> My goodness gracious! I have NO idea what changed.
> I just know I am NEVER getting out of this IDL session!

Well, I'm still in this session. I'm just working the way I normally do. Now WShow works sporadically. I have not been able to discover what conditions, if any, cause it to work, and which don't. It's about as reliable as the dog.

I feel my faith ebbing and flowing. Do you suppose I'm not praying hard enough? Back to the rosary, I guess. :-(

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: WShow Prayers Answered!

Posted by [David Fanning](#) on Sun, 10 Oct 2010 23:16:05 GMT

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David Fanning writes:

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```
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> Well, I'm still in this session. I'm just working the
> way I normally do. Now WShow works sporadically. I have
> not been able to discover what conditions, if any,
> cause it to work, and which don't. It's about as
> reliable as the dog.
>
> I feel my faith ebbing and flowing. Do you
> suppose I'm not praying hard enough? Back to
> the rosary, I guess. :-(
```

Alright. Are you ready for this? Please sit down.

It turns out this probably has nothing to do with prayer. (I know, I'm disappointed, too.)

Here are the details. Windows 7 64-bit OS, with this IDL version:

```
{ x86_64 Win32 Windows Microsoft Windows 8.0 Jun 17 2010 64 64}
```

If I open a graphics window with the Window command, that window will never come to the foreground with the WSHOW command.

UNLESS, I then open a widget window. Here is the code I use to open a widget window (I can use any widget program I have hanging around, but I wanted to reduce the problem to its essentials.)

```
.*****
;
PRO junk
tlb = Widget_base()
draw = Widget_Draw(tlb, xsize=200, ysize=200)
widget_control, tlb, /realize
xmanager, 'tlb', tlb, /No_block
END
.*****
;
```

Now the first IDL graphics window will come forward on the display with WSHOW. I can kill the widget window and the graphics window will *still* come forward. If

I kill the display window and open another one, I have the same problem: WSHOW doesn't work again. Opening a widget window mysterious wakes it up!

If I have multiple IDL graphics windows on the display, they ALL ignore the WSHOW command. Until I run "junk". Then they all respond normally to WSHOW.

If I run this sequence:

```
IDL> window, 0
IDL> junk
IDL> window, 1
```

Then neither window 0 or window 1 will respond to the WSHOW command!!

Extremely weird. Now I'm worried about demons... :-(

Cheers,

David

--

David Fanning, Ph.D.

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Subject: Re: WShow Prayers Answered!

Posted by [David Fanning](#) on Sun, 10 Oct 2010 23:41:13 GMT

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David Fanning writes:

```
> If I open a graphics window with the Window command, that
> window will never come to the foreground with the WSHOW
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>
> UNLESS, I then open a widget window. Here is the code
> I use to open a widget window (I can use any widget
> program I have hanging around, but I wanted to reduce
> the problem to its essentials.)
```

Alas, this "solution" appears to only work on my Windows machine. WSHOW is completely ignored on my LINUX machine, where I have been completely unsuccessful in getting an IDL direct graphics window to pop forward

on the display.

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: WShow Prayers Answered!

Posted by [Fabzou](#) on Wed, 09 Feb 2011 11:18:39 GMT

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Hi,

On 10/11/2010 01:16 AM, David Fanning wrote:

> If I open a graphics window with the Window command, that
> window will never come to the foreground with the WSHOW
> command.

I have this problem too.

The following code would not produce anything on my screen neither:

```
IDL> print, !VERSION
{ x86_64 linux unix linux 7.1.1 Aug 21 2009    64    64}
IDL> cgDisplay, /FREE, XSIZE=500, YSIZE=500, /PIXMAP
IDL> cgplot, LOADDATA(17)
IDL> xwin = !D.WINDOW
IDL> help, xwin
XWIN      LONG    =      44
IDL> wshow, xwin
```

So what are the alternatives? Currently I am doing this:

```
IDL> img = Transpose(tvrd(/TRUE), [1,2,0])
IDL> WDELETE, xwin
IDL> cgDisplay, /FREE, XSIZE=500, YSIZE=500
IDL> cgImage, img
```

But is there a better solution ?

Thanks a lot!

Fab
