
Subject: Widget_window Problem

Posted by [Helder Marchetto](#) on Wed, 10 Jul 2013 10:38:22 GMT

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Hi,

I was just trying to use widget window in a larger widget program and could not get anything in the widget_window to work. So I tried the basic example from the IDL help:

```
wBase = WIDGET_BASE(/COLUMN)
wDraw = WIDGET_WINDOW(wBase, X_SCROLL_SIZE=400, Y_SCROLL_SIZE=400)
WIDGET_CONTROL, wBase, /REALIZE
; Retrieve the newly-created Window object.
WIDGET_CONTROL, wDraw, GET_VALUE=oWin
; Make sure this is the current window
oWin.Select
p = PLOT(/TEST, /CURRENT, /FILL_BACKGROUND)
```

This results in a black window without anything in it... empty.

I restarted IDL, but no improvement.

By removing the keyword CURRENT I get a normal plot window. So the function plot is working.

Am I the only one with this type of problem?

```
print, !version
{ x86_64 Win32 Windows Microsoft Windows 8.2.3 May 3 2013    64    64}
```

Cheers,
Helder

Subject: Re: Widget_window Problem

Posted by [Phillip Bitzer](#) on Wed, 10 Jul 2013 15:09:14 GMT

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Hmm, works as is for me....

```
IDL> print, !VERSION
{ x86_64 darwin unix Mac OS X 8.2.2 Jan 23 2013    64    64}
```

Subject: Re: Widget_window Problem

Posted by [David Fanning](#) on Wed, 10 Jul 2013 15:12:33 GMT

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Phillip Bitzer writes:

```
> Hmm, works as is for me....
>
```

```
> IDL> print, !VERSION  
> { x86_64 darwin unix Mac OS X 8.2.2 Jan 23 2013    64    64}
```

Working for me in Windows, IDL 8.2.3.

David

--

David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>
Sepore ma de ni thue. ("Perhaps thou speakest truth.")

Subject: Re: Widget_window Problem
Posted by [Helder Marchetto](#) on Wed, 10 Jul 2013 15:39:17 GMT
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Hi,
thanks for the counter-testing. This is the answer I feared the most, because I don't know where to start looking.
So, I removed all paths from my IDL. I closed and restarted IDL. And typed in the code above and get a window that is simply black.

Anybody any idea what to look for?

(... yes uninstall/reinstall would be an option... but I don't like it at the moment)

Thanks,
Helder

PS: The only NG files I have ever modified (or even looked at) are the ones that Mark Piper and Chris Torrence suggested replacing in an old post to avoid getting plots outside the plot region (axis). After that the out-of-region plotting was working again as one would want it to.

Subject: Re: Widget_window Problem
Posted by [David Fanning](#) on Wed, 10 Jul 2013 15:41:14 GMT
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Helder writes:

```
> thanks for the counter-testing. This is the answer I feared the most, because I don't know where  
to start looking.  
> So, I removed all paths from my IDL. I closed and restarted IDL. And typed in the code above
```

and get a window that is simply black.

>

> Anybody any idea what to look for?

What happens if you resize the black window?

David

--

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Subject: Re: Widget_window Problem

Posted by [David Fanning](#) on Wed, 10 Jul 2013 15:43:45 GMT

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Helder writes:

> Anybody any idea what to look for?

What happens if you set RENDERER=1 on Widget_Window?

David

--

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Subject: Re: Widget_window Problem

Posted by [Helder Marchetto](#) on Wed, 10 Jul 2013 15:57:15 GMT

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On Wednesday, July 10, 2013 5:43:45 PM UTC+2, David Fanning wrote:

> Helder writes:

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>> Anybody any idea what to look for?
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> What happens if you set RENDERER=1 on Widget_Window?
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> David
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> David Fanning, Ph.D.
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> Fanning Software Consulting, Inc.
>
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>
> Sepore ma de ni thue. ("Perhaps thou speakest truth.")

Hi,
if I resize the window nothing happens: window stays black and the base gets bigger.
Also RENDERER=1 does not change anything.

I also tried the debug option in PLOT(/DEBUG) without anything showing up (not sure that this is the way to turn on debuggin... `p = PLOT(/TEST, /CURRENT, /FILL_BACKGROUND, DEBUG=1)`)

Cheers,
Helder

Subject: Re: Widget_window Problem
Posted by [David Fanning](#) on Wed, 10 Jul 2013 16:07:27 GMT
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Helder writes:

> if I resize the window nothing happens: window stays black and the base gets bigger.
> Also RENDERER=1 does not change anything.

Well, I think you are screwed, then. :-)

Don't know. A Windows setting? Can't imagine what it would be.

Back to Coyote Graphics, I guess. They always work. :-)

Cheers,

David

--

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Subject: Re: Widget_window Problem

Posted by [Helder Marchetto](#) on Wed, 10 Jul 2013 16:24:19 GMT

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Yeah, I already switched back after a very short try. However, I don't like giving up that quickly. I will try to find out, but it is like fighting with eyes closed against a giant.

Cheers,

Helder

Subject: Re: Widget_window Problem

Posted by [Helder Marchetto](#) on Thu, 11 Jul 2013 18:17:19 GMT

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On Wednesday, July 10, 2013 6:24:19 PM UTC+2, Helder wrote:

> Yeah, I already switched back after a very short try. However, I don't like giving up that quickly. I will try to find out, but it is like fighting with eyes closed against a giant.

>

> Cheers,

>

> Helder

Just for the sake of it.

I tried the same code on my laptop and got the thing running. Apart from this obvious difference in results, on my laptop I get the line

% Loaded DLM: XML.

This I don't get on my desktop.

Any idea how I can recover this? idl_xml.dll? What to do with it?

Cheers,
Helder

Subject: Re: Widget_window Problem

Posted by [David Fanning](#) on Thu, 11 Jul 2013 18:37:37 GMT

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Helder writes:

> I tried the same code on my laptop and got the thing running. Apart from this obvious difference
> in results, on my laptop I get the line
> % Loaded DLM: XML.
> This I don't get on my desktop.
>
> Any idea how I can recover this? idl_xml.dll? What to do with it?

Have you confirmed this is missing on your desktop?

Help, /DLM

I find mine here:

C:\Program Files\Exelis\IDL82\bin\bin.x86_64\idl_xml.dll

Cheers,

David

--

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Subject: Re: Widget_window Problem

Posted by [Helder Marchetto](#) on Thu, 11 Jul 2013 18:47:31 GMT

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On Thursday, July 11, 2013 8:37:37 PM UTC+2, David Fanning wrote:

> Helder writes:

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>> I tried the same code on my laptop and got the thing running. Apart from this obvious difference in results, on my laptop I get the line
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>> % Loaded DLM: XML.
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>> This I don't get on my desktop.
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>> Any idea how I can recover this? idl_xml.dll? What to do with it?
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>
> Have you confirmed this is missing on your desktop?
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>
>
> Help, /DLM
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>
>
> I find mine here:
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>
> C:\Program Files\Exelis\IDL82\bin\bin.x86_64\idl_xml.dll
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> Cheers,
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> David
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>
> Sepore ma de ni thue. ("Perhaps thou speakest truth.")

it says:

** XML - IDL XML SAX/DOM Parser support (not loaded)
Version: 2.6.0, Build Date: MAY 3 2013, Source: Exelis Visual Information Solutions, Inc.
Path: C:\Program Files\Exelis\IDL82\bin\bin.x86_64\idl_xml.dll

I didn't know the "help, /dlm"...

So, I loaded this XML and got this after the help, /dlm:

** XML - IDL XML SAX/DOM Parser support (loaded)
Version: 2.6.0, Build Date: MAY 3 2013, Source: Exelis Visual Information Solutions, Inc.
Path: C:\Program Files\Exelis\IDL82\bin\bin.x86_64\idl_xml.dll

Still the plot() in the widget_window function does not work...

Cheers,
Helder

Subject: Re: Widget_window Problem
Posted by [David Fanning](#) on Thu, 11 Jul 2013 18:59:25 GMT
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Helder writes:

> Still the plot() in the widget_window function does not work...

Guess I'm not surprised, it seemed like a long shot. :-)

Here is another. Can you get other widget programs to work when you have the widget_window open (and not working). For example, can you run XCOLORS in this situation and find you can change color tables?

Cheers,

David

--

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Subject: Re: Widget_window Problem

Posted by [Helder Marchetto](#) on Thu, 11 Jul 2013 20:22:44 GMT

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On Thursday, July 11, 2013 8:59:25 PM UTC+2, David Fanning wrote:

> Helder writes:

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>> Still the plot() in the widget_window function does not work...

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> Cheers,

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> David

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> David Fanning, Ph.D.

>

> Fanning Software Consulting, Inc.

>

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

>

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

Yes, XCOLORS works when I have widget_window open. Actually everything works... of course this is the first time I was trying the widget_window out.

Thanks for the try.
Cheers,
Helder

Subject: Re: Widget_window Problem
Posted by [Helder Marchetto](#) on Thu, 18 Jul 2013 14:45:35 GMT
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On Thursday, July 11, 2013 10:22:44 PM UTC+2, Helder wrote:
> On Thursday, July 11, 2013 8:59:25 PM UTC+2, David Fanning wrote:
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>> Helder writes:
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> Yes, XCOLORS works when I have widget_window open. Actually everything works... of course this is the first time I was trying the widget_window out.
>
> Thanks for the try.
>
> Cheers,
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> Helder

Just for the records... renaming (=erasing) the .idl folder in my user directory did the job. IDL then makes a new .idl folder and everything is working as expected.

What I cannot say at the moment is why all of this happens and how to test it.

Well, thanks to Exelis support for the solution

Cheers,
Helder

Subject: Re: Widget_window Problem
Posted by [David Fanning](#) on Thu, 18 Jul 2013 15:00:15 GMT
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Helder writes:

> Just for the records... renaming (=erasing) the .idl folder in my user directory did the job. IDL then makes a new .idl folder and everything is working as expected.
>
> What I cannot say at the moment is why all of this happens and how to test it.

I think this is becoming a Best Practices solution for most really weird problems. Better to spend hours putting your IDL environment back together than tens of hours chasing your tail. :-)

Maybe we should think about saving a .idl file once we have it working to our liking, so restoring it becomes easier.

Cheers,

David

--

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