
Subject: WIDGET_CONTROL: Invalid widget identifier: 2
Posted by envi35@yahoo.ca on Fri, 14 Dec 2007 18:58:49 GMT
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Hi, when I run an idl program (in envi batch mode) a second time in an idl session, I got the following error: WIDGET_CONTROL: Invalid widget identifier: 2. I don't think I opened or used any widget in the program if this is what it meant. Why am I getting this? Sorry if this question is too simple and bored you...

Thanks,
Jenny

Subject: Re: WIDGET_CONTROL: Invalid widget identifier:
Posted by [David Fanning](#) on Tue, 06 Dec 2011 00:31:31 GMT
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DB writes:

```
> I am pretty new to idl but have experience in other languages. I am
> working on a very large program originally created in idl 7, but I am
> working in idl 8.0.1. The following has been simplified from the
> program and produces an unusual error
>
> % Stepped to: ENVI_REAL_MAIN_BASE % WIDGET_CONTROL: Invalid widget
> identifier: 17.
>
> This error persists when the problematic portion of code is isolated
> as below. I have included the entire error message. Any suggestions to
> my ignorance or ways to overcome/fix this problem.
>
> pro testt
> compile_opt idl2
>   envi, /restore_base_save_files
>   envi_batch_init
>
> End
```

I'm not much of an ENVI person, but I *think* you have execute those two ENVI commands from the IDL main-level. That is, not from inside a program module. (I seem to recall having the same problem once.)

The invalid widget identifier comes about when you try to use a widget identifier in a command and that widget no longer exists. This could happen, for example, if you

saved a program that used widgets, then killed all the widgets. When you restore the program, you will have to re-create all the widgets and update the widget identifiers. Otherwise, this is exactly what can happen.

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

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

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

Subject: Re: WIDGET_CONTROL: Invalid widget identifier:

Posted by [DB](#) on Tue, 06 Dec 2011 15:28:49 GMT

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Thanks David,

That was the tip I needed, all it takes is a reset of the idl session (I imagine I slopply forgot to destroy something). For some reason I did not think of trying this before.

As usual a question out of ignorance

Thanks

David

On Dec 5, 5:31 pm, David Fanning <n...@dfanning.com> wrote:

> DB writes:

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>
> David
>
> --
> David Fanning, Ph.D.
> Fanning Software Consulting, Inc.
> Coyote's Guide to IDL Programming: http://www.idlcoyote.com/
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Subject: Re: WIDGET_CONTROL: Invalid widget identifier:
Posted by [Mark Piper](#) on Tue, 06 Dec 2011 17:02:05 GMT
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On 12/5/2011 4:41 PM, DB wrote:

```
>
> pro testt
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>  envi_batch_init
>
> End
```

Don't forget to call ENVI_BATCH_EXIT at the end of TESTT (as well as any time TESTT would terminate with an error). The first time TESTT is called this won't cause a problem, but subsequent calls to TESTT in the same ENVI+IDL session will give the error message you're seeing.

mp
