Subject: WIDGET_CONTROL: Invalid widget identifier: 2 Posted by envi35@yahoo.ca on Fri, 14 Dec 2007 18:58:49 GMT View Forum Message <> Reply to Message

Hi, when I run an idl programm (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 programm 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 View Forum Message <> Reply to Message

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:
- >> 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
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>

- >> 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 optidl2
    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.)
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> 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 Mark Piper on Tue, 06 Dec 2011 17:02:05 GMT View Forum Message <> Reply to Message

```
On 12/5/2011 4:41 PM, DB wrote:
```

```
pro testtcompile_opt idl2envi, /restore_base_save_filesenvi_batch_initEnd
```

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.

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