

---

Subject: Re: Error compiling procedure already compiled

Posted by [JD Smith](#) on Thu, 06 Mar 2003 17:29:27 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

On Wed, 05 Mar 2003 19:34:01 -0700, Rob wrote:

> JD Smith <jdsmith@as.arizona.edu> wrote:

>  
>> On Tue, 04 Mar 2003 21:14:58 -0700, Rob wrote:  
>>  
>>> Okay, so I jumped the gun. Apparently whenever the routine info is  
>>> updated I can no longer compile without receiving the error. The line  
>>> about routine info in my .emacs just caused IDLWAVE to perform the  
>>> update more frequently, so that's why I thought it was  
>>> fixed...routine info just hadn't been updated yet. Below is another  
>>> copy of the error message. As you can see, after routine info is  
>>> updated, a temp file is written, and following compiling and .run'ing  
>>> I receive the Routine Info warning. Any suggestions what I can do to  
>>> fix this?  
>>>  
>>> Scanning all buffers...  
>>> Routine info updated: buffer(3) compiled(0) catalog(591)  
>>> system(1324) Querying the shell  
>>> Wrote /tmp/idltemp19963iX  
>>> Finishing initialization in idle time...done Routine info updated:  
>>> buffer(3) compiled(0) catalog(591) system(1324) (No changes need to  
>>> be saved)  
>>> Routine Info warning: No match for END line in  
>>>> >>  
>>> RESTORE, '/tmp/idltemp1996CFV' & idlwave\_routine\_info % RESTORE:  
>>> Procedure IDLWAVE\_ROUTINE\_INFO can't be restored while active. %  
>>> RESTORE: Procedure IDLWAVE\_PRINT\_INFO\_ENTRY can't be restored while  
>>> active.  
>>>> >>BEGIN OF IDLWAVE ROUTINE INFO ("<@>" IS THE SEPARATOR)  
>>> % ROUTINE\_INFO: String expression required in this context: NAME. %  
>>> Execution halted at: IDLWAVE\_PRINT\_INFO\_ENTRY % IDLWAVE\_ROUTINE\_INFO  
>>> %  
>>> IDLWAVE\_PRINT\_INFO\_ENTRY %  
>>> IDLWAVE\_ROUTINE\_INFO % \$MAIN\$  
>>> IDL>  
>>> <<<  
>>>  
>>>  
>> This is a sign that IDLWAVE is getting out of sync with the IDL  
>> process. It's looking for a terminated block of output to parse, in  
>> this case to learn about all the routines IDL knows about. I can think  
>> of a few possibilities:  
>>

>> 1. A read/write lag with comint, the mode which interacts with the IDL  
>> shell. Newer versions of IDLWAVE deal with this a bit better.  
>>  
>> 2. Something specific to your environment in the output of your  
>> routine\_info is confusing IDLWAVE. Seems unlikely, but possible.  
>>  
>> 3. You've changed your "IDL> " prompt to something else without  
>> telling IDLWAVE about it (e.g. if you're using ENVI).  
>>  
>> Can you tell me what version of Emacs, IDL, and IDLWAVE (see  
>> \*Messages\*) you are using? And, if you can get it to repeat and have a  
>> recent IDLWAVE, check the menu box Debug->Show Commands->Everything,  
>> generate the error, and mail me the dump of info you find in the shell  
>> buffer.

>>  
>> JD  
>  
> Thanks for the tips, JD. Before I started I installed IDLWAVE 4.1.6 from  
> [www.idlwave.org](http://www.idlwave.org).  
>  
> In response to 1. above, is 4.1.6 the the latest version? I've seen  
> reference to a version 4.6, but I didn't see anything later than 4.1.6  
> on the website. Also, strangely, I don't see a Debug->Show  
> Commands->Everything option in my Debug menu???

It's actually 4.16 (>4.6). I only use a single decimal. Make sure that's what's actually running by checking the \*Messages\* log. If you didn't do the install correctly, it may be defaulting to the bundled version. You need to have the shell running for Everything to show, otherwise, you'll just see "Start Shell" or some such. Start it and see. If not, you're probably defaulting to the old version (4.7?).

> In response to 3, I haven't changed my IDL prompt, don't even know how  
> yet...and I'm not using ENVI.  
>  
> I'm using IDL 5.6 on OS X with the Aqua version of Emacs 21.3.50.6 and  
> am using Apples latest beta X11 version 0.2.1(Xfree86 4.2.1). Below is  
> my .emacs and .tcshrc. If you can think of anything to try I'd really  
> appreciate it!

The next release of IDLWAVE will be fully qualified for OSX. Many have gotten it working in the meantime, and I've never heard of an error like this, but I've yet to test it myself. The error output showing "Everything" will be definitive.

> .Emacs file:

No setting here should cause these problems.

JD

---