Subject: Re: Error compiling procedure already compiled
Posted by psisquared01 on Sat, 08 Mar 2003 01:16:54 GMT
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JD Smith <jdsmith@as.arizona.edu> wrote:

> 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 recieving the error. The line
>>>> about routine info in my .emacs just caused IDLWAVE to perform the
>>>> updated 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 recieve 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.
>>
>> 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

The messages log confirms I'm running 4.16. But still, under my Debug
menu I have, in order, Compile and Run, Breakpoints, Continue/Step,
Examine Expressions, Call Stack, Update Working Directory, Reset IDL
toggle Toolbar, and Exit IDL. That's it. The IDL shell is running. I
don't have a Show Commands in my Debug menu. Am I looking in the wrong
place?