Subject: Re: Error compiling procedure already compiled
Posted by JD Smith on Wed, 05 Mar 2003 16:49:55 GMT
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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