

---

Subject: Re: problem executing code "saved" using SAVE command

Posted by [R.Bauer](#) on Wed, 18 Jul 2001 17:17:13 GMT

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

---

Dear Tom,

I have written a compile routine for idl.

And we have had no problems with this compiled code.

You should try this routine.

[http://www.fz-juelich.de/icg/icg1/idl\\_icglib/idl\\_source/idl\\_html/dbase/download/compile.tar.gz](http://www.fz-juelich.de/icg/icg1/idl_icglib/idl_source/idl_html/dbase/download/compile.tar.gz)

```
idl > compile,'main_gui.pro'
```

and additional a function inside is created  
main\_gui\_info

```
print,main_gui_info()
```

shows all compiled and embedded pro and sav files.  
(last modification ,file /dir ...)

RESTRICTIONS:

!PATH is undefined during runtime  
execute won't work in runtime

If my routine won't work I am interested to learn from you!

regards  
Reimar

p.s. better you don't post HTML

"Thomas S. Spisz" wrote:

>

>

> I have a problem with IDL code that I "saved" (compiled) using the  
> SAVE command -- it doesn't execute the same as the same code run  
> directly from the IDL Development Environment. (By the way, I do  
> realize that you can't really compile IDL code.) Let me explain the

> situation. First of all, I'm on Windows NT machine, and IDL 5.4.  
>  
> I have a set of procedures with one procedure called 'main\_gui.pro'  
> that is the main procedure that calls other procedures. I can enter  
> IDL, compile 'main\_gui.pro' and all it's necessary procedures. Then  
> type 'resolve\_all', and run it -- it does beautifully.  
>  
> However, if I enter IDL, compile 'main\_gui.pro' and all it's necessary  
> procedures. Then type 'resolve\_all'. Then type  
> "save, filename='c:\main\_gui.sav', /routines" which saves everything  
> into that single binary file. When I double-click on 'main\_gui.sav',  
> it does execute but not correctly. It leaves out certain plotting  
> commands and has some widget errors that shouldn't occur and do not  
> occur if run directly from IDL Development Environment as stated in  
> previous paragraph.  
>  
> The real bumner is that I cannot debug this problem because when I  
> execute the 'main\_gui.sav' file, then IDL is in run-time mode.  
> Therefore, I don't see the output log and cannot use any of the debug  
> capabilities in the IDL Development Environment.

You can restore the file in the idl development and execute then  
main\_gui.

If you see that's something additional is compiled then this is the  
reason  
why it's not working

>  
> Any knowledge or help with this problem is greatly appreciated.  
>  
> Tom Spisz  
> Johns Hopkins University Applied Physics Laboratory  
> 11100 Johns Hopkins Road  
> Laurel, MD 20723-6099  
> 240-228-7260  
> tom.spisz@jhuapl.edu  
>  
>  
>  
regards

Reimar  
--  
Reimar Bauer

Institut fuer Stratosphaerische Chemie (ICG-1)  
Forschungszentrum Juelich  
email: R.Bauer@fz-juelich.de

<http://www.fz-juelich.de/icg/icg1/>

=====

a IDL library at ForschungsZentrum Juelich

[http://www.fz-juelich.de/icg/icg1/idl\\_icglib/idl\\_lib\\_intro.html](http://www.fz-juelich.de/icg/icg1/idl_icglib/idl_lib_intro.html)

<http://www.fz-juelich.de/zb/text/publikation/juel3786.html>

=====

read something about linux / windows

<http://www.suse.de/de/news/hotnews/MS.html>