
Subject: Re: IDLRT error - attempt to call undefined procedure
Posted by [David Fanning](#) on Fri, 13 Nov 2015 18:58:50 GMT
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Jonas Ardo writes:

> I have a *.PRO (LOGGERNET2WEB.PRO) producing a set of plots and it works OK when I run it manually.
> I like to call it from a *.bat file to be automatically executed without starting IDL (i.e. using IDLRT).
>
> Using:
> IDL>.COMPILE LOGGERNET2WEB
> IDL>RESOLVE_ALL
> IDL>save, /routines, filename = 'LOGGERNET2WEB.sav'
> IDL>restore, 'LOGGERNET2WEB.sav'
> IDL>LOGGERNET2WEB
>
> works fine.
>
>
> But when using IDLRT (after closing IDL):
> "C:\Program Files\Exelis\IDL85\bin\bin.x86\idlrt.exe" loggernet2web.sav
>
> I get errors such as
> "CGWINDOW--> Attempt to call undefined procedure: 'CGMDWINDOW_DEFINE'"
> "CGWINDOW does not exists"
> etc
>
> IDLRT works fine with minor code such as plot etc (not using cg* commands)
>
> I am using IDL8.5 on Windows 8.
> Any suggestions?

The problem is, RESOLVE_ALL doesn't really resolve, well, *all* of the routines. In particular, it doesn't resolve object definitions:

http://www.idlcoyote.com/ographics_tips/rt_objects.html

You can use the CLASS keyword to RESOLVE_ALL to identify those few Coyote Library objects you are going to need in your program.

```
IDL> RESOLVE_ALL, CLASS='CGCMDWINDOW'
```

There may be a few more. Any routine in the library with an "__define.pro" in its name is a candidate.

<http://idlcoyote.com/idldoc/cg/index.html>

Cheers,

David

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Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>

Sepore ma de ni thue. ("Perhaps thou speakest truth.")
