
Subject: Re: Unknown Error

Posted by [davidf](#) on Mon, 18 Jan 1999 08:00:00 GMT

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Bertrand Revenaz (breven@po-box.mcgill.ca) writes:

> I'm new to both PV-wave and IDL but I have to translate Wave files to
> idle. Nothing fancy just some graphing files to plot the results of a
> model. No interface or anything, it just makes the images. When I try to
> run the files under IDL I get the following message
>
> %prgram code area full
>
> I can't find any reference to it in any of the manuals. Can anybody help
> me...

You have in your hands a not-so-well-written IDL program. :-)

Basically, it is too big to be compiled in the space IDL sets aside to compile programs. This should not be a problem in IDL 5.x versions of IDL because the size will be set aside dynamically, but you may have configure the amount of memory set aside for this by hand in earlier versions of IDL. You use the .Size executive command for this purpose.

```
IDL> .Size 50000 25000
```

The other alternative (and what I strongly recommend) is to learn how to write more modular code. This will save you hours and hours of time when it is necessary to extend and maintain your programs.

My guess is this program you have is a gigantic main-level program, when it could easily be 4-5 self-contained IDL procedures or functions.

Cheers,

David

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David Fanning, Ph.D.

Fanning Software Consulting

Phone: 970-221-0438 E-Mail: davidf@dfanning.com

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

Toll-Free IDL Book Orders: 1-888-461-0155

[Note: This follow-up was e-mailed to the cited author.]
