
Subject: Re: newbie's question

Posted by [geonline714](#) on Sat, 14 Apr 2007 18:08:16 GMT

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Dear David,

Thank you for your detailed explanation. Now it works. :)

Have a great weekend!

Sincerely,

Qi

On Apr 14, 10:04 am, David Fanning <n...@dfanning.com> wrote:

> geonline...@gmail.com writes:

>> I tried to run a script like this (stored in test.pro):

>

>> array = ['one', 'two', 'three']

>> print, array

>> n = N_ELEMENTS(array)

>> print, n

>> FOR i=0,n-1 DO BEGIN

>> PRINT, array[i]

>> ENDFOR

>

>> However, I got error message as follows:

>

>> IDL> @test

>> one two three

>> 3

>> Attempt to subscript ARRAY with I is out of range.

>> Execution halted at: \$MAIN\$

>

>> ENDFOR

>> ^

>> Syntax error.

>> At: E:\temp\test.pro, Line 7

>

>> This is an example from IDL. Do you have any idea about what is going

>> on?

>

> The @ sign attempts to read the instructions in the file

> as if you were typing them at the IDL command line. That

> is, one after the other. But, it is VERY difficult to

> write multiple line commands, such as in your FOR loop,

> at the IDL command line. You will need line continuation

> and line concatenation symbols to do so. NO ONE WANTS TO

> DO THAT!

>

> So, what you want to do is compile this bunch of commands
> you have FIRST, then execute that. BUT, in order to make
> these command compilable, there has to be an END statement
> at the end of the commands, so the compiler knows where
> to stop. That is what is missing in your code (and is
> probably what you have left out of the example).
>
> What you want to do with this code is add an END statement.
> Then compile the commands:
>
> IDL> .compile test
>
> Then run this main-level program:
>
> IDL> .go
>
> Cheers,
>
> David
> --
> David Fanning, Ph.D.
> Fanning Software Consulting, Inc.
> Coyote's Guide to IDL Programming:<http://www.dfanning.com/>
> Sepore ma de ni thui. ("Perhaps thou speakest truth.")
