
Subject: Re: How to run a program for datasets located in different folders at a single stretch

Posted by [Craig Markwardt](#) on Wed, 28 Jul 2010 09:46:43 GMT

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On Jul 28, 3:29 am, sid <gunvicsi...@gmail.com> wrote:

> Hi,
> I have a program which I need to run for several data sets (which
> are in different different folders), Since the number of folders in
> which the data sets present are huge in number, it is very difficult
> to go to that folder in which the dataset is and then copy the program
> to that particular folder and run it(orelse i need to copy the
> location of the dataset in the program, which is also a difficult
> task). So please give some ideas to run the program for all the
> datasets in different folder at a single stretch.
> regards

I suggest that you investigate using the IDL "path." IDL searches the path for program files no matter where your data is located. See the IDL documentation for "!PATH"

As for automating processing with "huge" numbers of folders, your best bet is probably to investigate using the "CD" procedure. This procedure allows your program to change working folders under program control, so that you can switch from one folder to the next in succession, without quitting your program.

Craig

Subject: Re: How to run a program for datasets located in different folders at a single stretch

Posted by [sid](#) on Wed, 28 Jul 2010 14:03:51 GMT

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On Jul 28, 6:31 pm, David Fanning <n...@dfanning.com> wrote:

> Kenneth P. Bowman writes:
>> I think that in general 'data' files should not be in the IDL search
>> path and that this problem is best solved primarily (but not entirely)
>> outside of IDL.
>
> Well, I was describing the actual situation, not the
> theoretical best practice. :-)
>
> Cheers,
>
> David
>

Hi,

I am getting this kind of error after running the program. I have copied the required routines to my idl routines directory.

Could you please explain why it happens

regards

sid

% Compiled module: FIND_RESOURCE_FILE.

% Compiled module: FILEPATH.

```
IF ( StrPos(thisRoutine.Path, Path_Sep()) ) EQ -1 THEN BEGIN
    ^
```

% Syntax error.

At: /home/sid/Downloads/idl_routines/programrootdir.pro, Line 154

```
ENDIF ELSE BEGIN
    ^
```

% Type of end does not match statement (END expected).

At: /home/sid/Downloads/idl_routines/programrootdir.pro, Line 157

% Compiled module: PROGRAMROOTDIR.

% Compiled module: ERROR_MESSAGE.

% Compiled module: STRSPLIT.

Traceback Report from FIND_RESOURCE_FILE:

% Attempt to call undefined procedure/function: 'PROGRAMROOTDIR'.

% Execution halted at: FIND_RESOURCE_FILE 129 /home/sid/
Downloads/idl_routines/find_resource_file.pro
% \$MAIN\$

Subject: Re: How to run a program for datasets located in different folders at a single stretch

Posted by [David Fanning](#) on Wed, 28 Jul 2010 22:16:05 GMT

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sid writes:

> I am getting this kind of error after running the program. I have
> copied the required routines to my idl routines directory.
> Could you please explain why it happens

Not at all sure. :-(

The most common sort of error is either (1) Not having all the programs in the Coyote Library (sounds like

this is not your problem) or (2) Not having an updated Coyote Library:

http://www.dfanning.com/code_tips/installcoyote.html

If you are sure about those two issues, then let me know what version of IDL you are running, and on what computer.

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.")
