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 12:22:44 GMT

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## sid writes:

- > 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.

I have the problem of writing IDL programs that not only run on the three different machines that I juggle on a daily basis, but run on scientists and collaborators machines, too. It is almost impossible to specify a data file name that works everywhere.

Since the files I am looking for are often mixed in with IDL programs somewhere on the end-users IDL path, I use the Coyote Library routine FIND\_RESOURCE\_FILE to locate them:

dataFile = Find Resource File('theFileForJob.dat')

It is kind of like IDL's search for \*.pro files, only for data files.

It can often be slow (if the user has a large IDL path), but it almost always does the job!

http://www.dfanning.com/programs/find resource file.pro

Cheers.

David

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Coyote's Guide to IDL Programming: http://www.dfanning.com/
Sepore ma de ni thui. ("Perhaps thou speakest truth.")