
Subject: Re: IDL procedure "knowing its own name"
Posted by [David Fanning](#) on Wed, 29 Aug 2001 12:58:36 GMT
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Marshall Perrin (mperrin+news@arkham.berkeley.edu) writes:

- > Let's say I'm running somethingorother.pro. Is there any way for the procedure
- > to itself determine that IDL is running a file called somethingorother.pro,
- > indeed, specifically /some/file/path/somethingorother.pro?

You can use Help, /Source to find the specific path of compiled procedures and functions.

- > In more detail, what I've got is a script which processes a bunch of data
- > and produces some output which gets stored in a user-specified directory.
- > This script gets modified occasionally over time; it's useful to have a
- > copy of the script stored along with the data as a historical record so
- > that you can later look back and see exactly how the data was processed.
- > However, this tool is used on a number of different systems, and the
- > file path to the script varies from system to system. Right now I accomplish
- > this by hard-coding the path and name of the procedure as variables inside
- > the procedure, which means I have to change it by hand for each system.
- > Any ideas on how to automate this?

I think you could use this:

Help, /Source, Output=helpoutput

to get the source output in a string array. Then it should be fairly easy to fish the proper line out of the helpoutput string array to indicate where the file came from

Cheers,

David

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