
Subject: Re: How does IDL find functions?

Posted by [Benjamin Hornberger](#) on Fri, 17 Jun 2005 22:20:45 GMT

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robertschaefer@gmx.de wrote:

- > Hello IDL community,
- >
- > I'm looking for a smart solution to find functions from my own lib
- > inside a self written function or procedure.
- > The idea is to get a tree of embedded self written functions.
- >
- > My solution looks like this but I think there must be an easier way:
- >
- > -generate a list of functions in user-lib
- > -Read the function where to search (openr)
- > -compare each line (string) with the list of lib functions
- > (how to extract function names elegantly? -> strsplit with '=*(' :
- > definitely not)
- > -save coincide functions (strings) and go on searching into found
- > functions
- >
- > Does anybody (I'm sure ;-)) know how IDL find functions on compiling?
- > This may be exactly the right (fast) way...
- >
- > Any ideas? ...Thanks for help...
- >
- > Best regards
- >
- > robert
- >

I'm not quite sure what you want to do, but if the question is just how IDL finds procedures and functions to compile, the following article will tell you:

<http://www.dfanning.com/tips/namefiles.html>

If you want to determine the directory in which a function or procedure was found:

<http://www.dfanning.com/documents/programs.html#PROGRAMROOTDIR>

The FILE_WHICH() function is also useful.

In general, you always want to put IDL program files into the IDL path.

Good luck,
Benjamin

Subject: Re: How does IDL find functions?
Posted by [R.Bauer](#) on Sun, 19 Jun 2005 07:49:37 GMT
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You should have a look at catalog_db from our library.

http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_source/idl_html/idl_work_libraries.htm

The output you like to have you'll see by clicking on one of the database icons

The trick is to call idl to find the necessary info itselfs.

- > Does anybody (I'm sure ;-)) know how IDL find functions on compiling?
- > This may be exactly the right (fast) way...

Yes call idl, see above.

cheers
Reimar

- >
- > Any ideas? ...Thanks for help...
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- > Best regards
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- > robert

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<http://www.fz-juelich.de/icg/icg-i/>

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a IDL library at ForschungsZentrum Juelich
http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_lib_intro.html
