Subject: .lib C routines in IDL

Posted by Patrizia on Wed, 08 Aug 2007 08:42:09 GMT

Hi,
I'm trying to include some .lib files written in C in IDL.
I tryed to include them using the CALL_EXTERNAL command of IDL but it
doesn't work.
Could someone give me some advices? Do I have to convert first
the .lib files?

Thanks,

Patrizia

Subject: Re: .lib C routines in IDL

Posted by sc.bugger on Thu, 16 Aug 2007 08:57:03 GMT

Hello Patrizia

You first have to create a shared library. Under *nix, that will look
like this:
gcc -fPIC -shared -o libmylibrary.so myCcode.c
Then, you'll be able to call some functions in yor .so library from
IDL, e.g.:
IDL> result = call_external('path_to_the_library.so','function_name',
p1,p2,p3, ... ,/f_value)
A shorter and better answer is: browse attentively in your IDL Help
for 'call_external' or concretise your concern.

Vlad