Subject: Re: CALL_EXTERNAL error when calling a C program Posted by Denis Barkats on Mon, 10 Oct 2005 20:02:03 GMT

View Forum Message <> Reply to Message

```
Here is what I do and it works on my mac.
i have a file simple.c:
#include <stdio.h>
#include <stdlib.h>
int Simple() {
     return 13:
}
Using gcc I do
-gcc -c simple.c
-gcc -bundle -flat namespace -o simple.so simple.o
which creates the sharable librairie simple.so which I can call from
IDL as
-print,call_external('/Users/denis/idl/bicep/simple.so','Sim ple',
/unload)
      13
sometimes IDL is a pain so restart it.
good luck
```

Subject: Re: CALL_EXTERNAL error when calling a C program Posted by Karl Schultz on Tue, 11 Oct 2005 00:46:40 GMT View Forum Message <> Reply to Message

On Sun, 09 Oct 2005 11:27:40 -0700, golembeski wrote:

```
Hey,
I am running on mac os x. I have an IDL program which calls a C
program, and this worked when I ran the program on a SUN but now I have
just moved my files onto a new mac. I have been reading many of the
responses to similar questions on this board but I have had no success
in solving these errors.
When I compile the c code using:
gcc -c simul2.c
Id simul2.o -bundle -lm -o simul.so
i get the error:
```

>

- > Id: Undefined symbol:
- > dyld_stub_blinding_helper

>

> I am not sure how to solve that problem.

Your code (simul2.c) somehow needs the dynamic loader.

Try including libdl.dylib (add -ldl)

or maybe add the -dynamic option.

anyway, dyld_stub_binding_helper is defined in libdl. I assume that you just made a typo above - "blinding".

Subject: Re: CALL_EXTERNAL error when calling a C program Posted by dmg31 on Tue, 11 Oct 2005 23:22:04 GMT View Forum Message <> Reply to Message

thank you for your reply,

I tried your suggestions, along with a few other options and I was able to compile and create the sharable library with the line

Id simul2.o -flat_namespace -bundle -undefined suppress -o simul.so

however when I ran the idl code again I got a new error saying:

Symbol not found: dyld_stub_binding_helper

Expected in: flat namespace

im not sure the best soultion to this thank you so much for your help again