
Subject: Re: CALL_EXTERNAL error when calling a C program

Posted by [Denis Barkats](#) on Mon, 10 Oct 2005 20:02:03 GMT

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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','Simple',
/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

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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

> ld simul2.o -bundle -lm -o simul.so

>

> i get the error:

>
> ld: 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
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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

ld 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