
Subject: Calling IDL from C language: sunmath problem.
Posted by [Alessandro Parisi](#) on Fri, 31 Jan 1997 08:00:00 GMT
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Hi to everybody.

We have seen that the IDL callable functions, released with IDL package (Ver. 4.0.1), allow to call IDL from a program written in C language (routines are: IDL_ExecuteStr and IDL_Execute).

We have compiled the program with "gcc" and there are problems (at link time) since the library "sunmath" is not found.

Questions:

- 1- Do we need exactly this library or we can arrange in same way to use another library ?
- 2- Could somebody confirm that the gcc is OK for that ?
- 3- Do you know where to find other information about that ?
(possibly on the WEB)

By.

P.S.: we are not using "rpc" .

Subject: Re: Calling IDL from C language: sunmath problem.
Posted by [David Foster](#) on Wed, 05 Feb 1997 08:00:00 GMT
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Alessandro Parisi wrote:

- >
- > Hi to everybody.
- >
- > We have seen that the IDL callable functions, released with IDL package
- > (Ver. 4.0.1), allow to call IDL from a program written in C language
- > (routines are: IDL_ExecuteStr and IDL_Execute).
- >
- > We have compiled the program with "gcc" and there are problems (at link
- > time) since the library "sunmath" is not found.
- >

We had the very same problem when we first tried using gcc. We need the "sunmath" library for the nint() function, so we used the rint() function instead and casted the result. Follow

this example and try to replace any functions that require the "sunmath" library.

We've been using gcc to create shared-object .so libraries that are called from within IDL using CALL_EXTERNAL, with no problems. This is the reverse of what you're doing, but I don't think there would be any problems.

Dave

--

~~~~~  
David S. Foster      Univ. of California, San Diego  
Programmer/Analyst   Brain Image Analysis Laboratory  
foster@bial1.ucsd.edu   Department of Psychiatry  
(619) 622-5892      8950 Via La Jolla Drive, Suite 2200  
                         La Jolla, CA 92037  
                         [ UCSD Mail Code 0949 ]  
~~~~~

Subject: Re: Calling IDL from C
Posted by [Haje Korth](#) on Fri, 07 Oct 2005 13:30:42 GMT
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Preahlad,
your description is far too vague for me to be able suggest anything. At this point I would suggest to consider the external developers guide. If you want help from the forum, you need to post the compile errors or describe the problems you encountered in detail. Many things can go wrong with writing external code.

Cheers,
Haje

"bujji" <prahlad.sarma@gmail.com> wrote in message
news:1128688859.855720.313200@g49g2000cwa.googlegroups.com.. .
> Dear All,
>
> I am trying to call the some IDL routines from C, but any how i do not
> get sucess.
> I am using red hat Linux 9.0 , and my IDL version is 6.1. I am trying
> to run the example calltest.c program that is given in
> IDL_6.1/external/callable/calltest.c.
> Can any body tell me the exact steps for runing this program on RedHat

> Linux.
>
> With Regards
> Prahlad Sarma.
>

Subject: Re: Calling IDL from C
Posted by [bujji](#) on Mon, 10 Oct 2005 05:30:55 GMT
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Haje,
The error i faced when i compile the C code is as follows

-lxp

regards,
Prahlad V
