
Subject: Re: Using C++ DLM's With IDL?

Posted by [Nigel Wade](#) on Wed, 01 Aug 2001 08:44:29 GMT

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K. Banerjee wrote:

> Nigel Wade <nmw@ion.le.ac.uk> wrote:

>

>> K. Banerjee wrote:

>>

>

>>> I need to call some outside code from IDL. I created a
>>> shared object file, using a C++ compiler (g++). When I call
>>> a function from the DLM from the IDL command prompt, I get
>>> the error:

>>>

>>> Symbol not found: cerr

>>>

>>> (There are other symbols not found.)

>>>

>>> Is it possible to use C++ shared objects for DLM's ?

>>> (I have to use some classes for my routine.)

>>>

>>> Thanks.

>>>

>>> K. Banerjee

>>>

>>>

>>>

>

>> You don't say what platform you are using, but I'll hazzard a guess that
>> it's Linux.

>>

>

>> Did you use g++ to link the DLM? It's generally a wise thing to use the
>> same tool to create a shared object as you use to compile the source.

>>

>

>> You could try linking the DLM with g++, or adding the the relevent c++
>> library to the link command - cerr is in one of the libraries called
>> /usr/lib/libstdc++..., the particular one depends on what version of g++
>> and libc you are using.

>>

>

> Yes, I am using g++ on Linux. Do you know off hand how to link
> with a shared object library? (libstdc++... is a shared object).

>

> Thanks.

>
> K. Banerjee
>

-l<library_name>, in this case <library_name> is stdc++<whatever>. I don't know which stdc++ library you'll need; I have 5 in my /usr/lib and I haven't a clue what each is for.

a shared object is just a library as far as the linker is concerned.

If you use g++ I would have thought that g++ would add the correct library to the link command for you, though. Is there a reason you prefer to use ld rather than g++?

If you really want to use ld, try using g++ first with the -v option so it lists each command it executes. That should show you which libraries it uses for the ld command.

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