
Subject: Re: callable IDL

Posted by [Nigel Wade](#) on Wed, 20 Jul 2005 09:07:51 GMT

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jicicu wrote:

> Hi everybody,
>
> I am trying to create an executable with g++ in linux suse that starts
> and idl session. I don't know the link options for creating such
> executable. I tried:
>
> g++ -Wall -L../lib -L../CFIs/
> -L/usr/local/rsi/idl_6.0/bin/bin.linux.x86
> -L/usr/local/rsi/idl_6.0/bin/bin.linux.x86/lib -L/usr/X11/lib
> -L/usr/local/mysql/lib -o ./GOME2GPP ./Breakpoint.o ./MySQL_database.o
> ./call_idl.o ./callableIDLDriver.o -lmetop_orbit -lmetop_pointing
> -lmetop_lib -lm -lnsl -lstdc++ -lpthread -L../lib -lxerces-c -lc -lg2c
> -lidl -lX11 -lXp -lXpm -lXext -lXt -lSM -lICE -ldl -lrt -lpthread
> -lmysqlclient -lz
>
> and I get some messages like these:
> /usr/local/rsi/idl_6.0/bin/bin.linux.x86/libidl.so: undefined reference
> to `_XmGeoSetupKid'
> /usr/local/rsi/idl_6.0/bin/bin.linux.x86/libidl.so: undefined reference
> to `XmDragStart'
> /usr/local/rsi/idl_6.0/bin/bin.linux.x86/libidl.so: undefined reference
> to `mglRotatef'
> /usr/local/rsi/idl_6.0/bin/bin.linux.x86/libidl.so: undefined reference
> to `mglRasterPos2i'
> /usr/local/rsi/idl_6.0/bin/bin.linux.x86/libidl.so: undefined reference
> to `XmCreateOptionsMenu'
> /usr/local/rsi/idl_6.0/bin/bin.linux.x86/libidl.so: undefined reference
> to `XmTextGetSelectionPosition'
> /usr/local/rsi/idl_6.0/bin/bin.linux.x86/libidl.so: undefined reference
> to `XmListDeselectPos'
>
> Does anyone know the right compilation options. Any help will be most
> welcomed.
>
> Many thanks in advance,
> Juan

I think you need the Motif libraries, in particular libXm.so. Read the
Makefile in bin/bin.linux.x86 for details.

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