Subject: Re: How to deal with this error while using MAKE_DLL ?
Posted by Karl Schultz on Tue, 26 Sep 2006 17:35:15 GMT

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On Tue, 26 Sep 2006 08:01:48 -0700, Hongkai wrote:

> I was trying to use the function MAKE_DLL to build a .dll file from .c
> file , but an error was encountered:
>
> 'cl' is not internal or external command, and is not .exe file or .bat
> file either.
> cl -D_DLL -DMSWIN -DWIN32 -D_MT /nologo /I"C:\RSI\IDL62
> \external\include" /c
> "C:\RSI\IDL62\external\call_external\C\incr_struct.c"
> /Fo"incr_struct_3856_MICROSOF-5C334C.obj"
>
>
> To solve this problem, I queried the value of the system variable
> !MAKE_DLL, the answer was as follows:
>
> !MAKE_DLL.COMPILER_NAME :
> 'Microsoft Visual C++ 7.0' :
>
> !MAKE_DLL.CC   :
> 'cl %X -D_DLL -DMSWIN -DWIN32 -D_MT /nologo
> /I"C:\RSI\IDL62\external\include" /c %C /Fo%O'
>
> !MAKE_DLL.LD :
> 'link /out:%L /nologo /nodefaultlib /dll %O /def:%E
> "C:\RSI\IDL62\bin\bin.x86\idl32.lib" msvcrt.lib kernel32.lib %X'
>
> However, the c comlier installed in my windows xp system is Microsoft
> Visual C++ 6.0, and I guess I need to change the value of !MAKE_DLL.CC
> and !MAKE_DLL.LD, but how to do this ?
>
> Thanks!

The Microsoft compilers include in their distribution some scripts that
add the compiler binary directories to your search path and set some other
needed env vars. Look for something along the lines of VCVARS32.BAT in
your compiler binary directory.

But just running the batch file in a shell won't do it since you'll be
calling the compiler from the idlde application. You'll have to add the
items that the BAT file adds in your Windows "Environment Variables". You
could also hack the MAKE_DLL settings to do the same thing, but then those
hacks are applicable only to your machine. I find it better to add the
items to the Windows environment.

Karl