
Subject: Re: other compilers (was CALL_EXTERNAL with Windows DLL)

Posted by [Brad Gom](#) on Fri, 03 Mar 2000 08:00:00 GMT

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> Nando wrote:

>

>> I need to create DLM in windows 98 using the cygnus-gcc compilers.

>>

I misread DLM as DLL, which renders my previous advice useless! Sorry, I have no idea about DLMS..

Brad

Subject: Re: other compilers (was CALL_EXTERNAL with Windows DLL)

Posted by [Brad Gom](#) on Fri, 03 Mar 2000 08:00:00 GMT

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Nando wrote:

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>

Any windows95 and later compatible compiler will, in theory, allow you to make a DLL file that can be used by IDL's CALL_EXTERNAL procedure. You need to look in the 'External Development Guide' of the IDL help (or the 'Advanced Development Guide' of the IDL 5.0 help) for what constitutes an IDL-useable DLL.

As for the C programming, creating a DLL is not that complicated, and there should be documentation for doing this with whatever compiler you use- for example, see

<http://www.geocities.com/Tokyo/Towers/6162/win32/index.html>
for information about the GCC compiler.

Finally, a general-purpose Win32 programming text will have useful information about how to write DLLs. Charles Petzold's book 'Programming Windows 95' is the definitive source for most basic windows programming techniques.

good luck

Brad Gom

Subject: Re: other compilers (was CALL_EXTERNAL with Windows DLL)

Posted by [Randall Frank](#) on Mon, 06 Mar 2000 08:00:00 GMT

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Brad,

Under Windows, a DLM is a very simple DLL with an external text file that provides some informational glue to IDL. Your advice still applies...

Brad Gom wrote:

>

>> Nando wrote:

>>

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>

> Brad

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rjf.

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