
Subject: Re: Windows IDL DLM with Cygwin
Posted by [Mark Hadfield](#) on Tue, 12 Jul 2005 03:55:53 GMT
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joeymu@gmail.com wrote:

- > Has anyone sucessfully used a DLM created with the Cygwin family of
- > compilers? I have sucessfully compiled a DLM and it looks like it
- > should work, but when it gets to the point of actually using the DLM,
- > IDL will crash!

That's what I would expect. There are problems in using the Cygwin DLL, or DLLs that link to it, with non-Cygwin applications because of problems with run-time library initialization. I've done a little Googling to find a reference for this fact (and I use the term loosely) but all I've managed to do is confuse myself.

- > I've been trying to compile my code with a
- > -mno-cygwin, but that is going to be a lot of work! I'm hoping there
- > is an easier way. Anyway, I'd love to hear even if this is possible
- > (i.e. someone has actually done it) so I don't just spin my wheels.

Hmm. I don't know what is the line of least resistance here. It depends, partly, of how much work it would be to wean your code off the Cygwin DLL. Assuming (as you say) that this is going to be a *lot* of work then perhaps you should try to get the Cygwin run-time initialisation issues sorted out. You should read this:

http://cygwin.com/faq/faq_3.html#SEC102

Perhaps you should ask about this on the Cygwin mailing list, but read the relevant sections in the IDL External Development Guide first. (And be ready for some brusque replies.)

And when you've sorted it all out, perhaps you could report back to the list?

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