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Subject: Re: Using make\_rt with a custom DLL/DLM  
Posted by [Vince Hradil](#) on Thu, 06 Nov 2008 21:45:26 GMT  
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On Nov 6, 12:33 pm, Vince Hradil <vincehra...@gmail.com> wrote:  
> On Oct 30, 5:37 pm, Andrew Cool <andrew.c...@dsto.defence.gov.au>  
> wrote:  
>  
>  
>  
>> On Oct 31, 12:08 am, David Fanning <n...@dfanning.com> wrote:  
>  
>>> Also, I am having some problems getting AutoRun  
>>> to work on my Windows XP disks. Have you ever  
>>> run into any problems with that?  
>  
>> David,  
>  
>> I haven't been able to get Autorun to work under XP for IDL versions  
>> 6.3 or 6.4  
>  
>> Have to resort to double clicking the my\_progname.exe file.  
>  
>> However, it runs like a dog off a CD anyway, so my advice to my users  
>> is to copy the entire  
>> CD contents to a similar directory structure on their Hard drive, and  
>> just have a shortcut to the  
>> my\_proname.exe file.  
>  
>> Andrew  
>  
> I decided to ask my question in this thread, since it is related.  
>  
> I'm having trouble getting make\_rt to work with a custom DLL/DLM -  
> specifically Ronn Kling's KRSgrAVI.dll and dlm.  
>  
> I added the file to the manifest, and it does get copied, but when I  
> run the app on a 'new' machine (no IDL installation) I get an error:  
>  
> % OBJ\_NEW: Error loading sharable executable.  
> Symbol: IDL\_Load, File=C:\nanotrack\idl70\bin  
> \bin.x86\KRSgrAVI.dll  
> This application has failed to start because the application  
> configuration is incorrect. Reinstalling the application  
> may fix this problem.  
> % Execution halted at: READ\_AVI  
> % NANOTRACK\_EVENT  
> % IDLRTMAIN

> % \$MAIN\$  
>  
> Thoughts:  
> 1- is it possible that a rt license is required to load a custom dll?  
> That would be a bummer.  
> 2- does the DLM\_PATH need to be set somehow, maybe in the .ini file in  
> the app folder?  
> 3- do I have to install IDL and copy the dll/dlm to the bin/bin.x86  
> folder? I can do that, but would rather the make\_rt would work.  
>  
> Thanks,  
> Vince

This seems to be a windows dll issue(?) I kept getting SidebySide errors in the Windows event log - I tried to install IDL7 to see if that helped it. The installation \_did\_ install another WinSxS manifest called "x86\_Microsoft.VC80.CRT...", but I still get the following errors in the event log:

Event Type: Error  
Event Source: SideBySide  
Event Category: None  
Event ID: 32  
Date: 11/6/2008  
Time: 3:37:33 PM  
User: N/A  
Computer: GPRULCD878183L  
Description:  
Dependent Assembly Microsoft.VC80.CRT could not be found and Last Error was The referenced assembly is not installed on your system.

For more information, see Help and Support Center at <http://go.microsoft.com/fwlink/events.asp>.

Event Type: Error  
Event Source: SideBySide  
Event Category: None  
Event ID: 59  
Date: 11/6/2008  
Time: 3:37:33 PM  
User: N/A  
Computer: GPRULCD878183L  
Description:  
Resolve Partial Assembly failed for Microsoft.VC80.CRT. Reference error message: The referenced assembly is not installed on your system.  
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For more information, see Help and Support Center at <http://go.microsoft.com/fwlink/events.asp>.

Event Type: Error

Event Source: SideBySide

Event Category: None

Event ID: 59

Date: 11/6/2008

Time: 3:37:33 PM

User: N/A

Computer: GPRULCD878183L

Description:

Generate Activation Context failed for C:\nanotrack\idl70\bin  
\bin.x86\KRSgrAVI.dll. Reference error message: The operation  
completed successfully.

For more information, see Help and Support Center at <http://go.microsoft.com/fwlink/events.asp>.

This is all just voodoo to me at this point. Does anyone out there understand this?

Thanks,  
Vince

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