
Subject: Re: again call_external
Posted by [Rick Towler](#) on Thu, 01 Apr 2004 16:37:03 GMT
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"Valerio Pace" wrote...

- > Hi all,
- >
- > I have some big problem to learn how to use the CALL_EXTERNAL function.
- > (OS=windows, IDL 5.5)
- > I have created my C procedure but I'm not able to call it.
- > I try to use MAKE_DLL in this way:
- >
- > MAKE_DLL, 'myprocedure', 'myprocedure'
- >
- > but IDL "writes":
- > "\Documents" is not an internal or external command, or an exe or batch
- > file.
- >
- > What's my mistake?
- > How can I understand if IDL "see" my C compiler (Visual C++ 6.0)?
- >
- > I've just searched related messages in the newsgroup, but i still haven't
- > found what i'm looking for.

I don't use CALL_EXTERNAL but the error suggests that you have a path issue. It looks like your path is either malformed (should be 'x:\documents' or '\\documents') or more likely whatever is processing the path doesn't like spaces so use the 8.1 equivalent (x:\Docume~1\... instead of x:\Documents and Settings\...)

Check the docs for all references to paths that MAKE_DLL might utilize and then check those paths.

-Rick

Subject: Re: again call_external
Posted by [Karl Schultz](#) on Thu, 01 Apr 2004 17:01:29 GMT
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"Valerio Pace" <valerio.pace@fastwebnet.it> wrote in message
news:c4hau0\$r4m\$1@lacerta.tiscalinet.it...

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This may have been a problem with older versions of IDL. The problem was dealing with file paths containing space characters. You can upgrade to a newer version, probably 6.0. Or, try using the COMPILE_DIRECTORY keyword on MAKE_DLL to change your build directory name so that there are no spaces in it. Yet another way is to specify NOCLEANUP and then edit the batch file to add quotes around filenames and run the batch file manually. I'm not positive that these kwds are in 5.5 though.

> How can I understand if IDL "see" my C compiler (Visual C++ 6.0)?

When you install the Visual C++ compiler, you are prompted for the option of adding the compiler environment variables to your environment when you login to Windows. If you said yes, IDL should find your compiler.

If you said no, or don't remember, then try make_dll, after solving the above problem about spaces in filenames. If you get an error message about not finding the 'cl' command, you'll need to modify your system environment variables.

First, locate the batch file that sets the environment variables so that you can run the Visual C++ compiler from the command line. On my system, it is C:\msdev\VC98\Bin\VCVARS32.BAT. Open it up and see that it sets the INCLUDE and LIB env vars and adds the compiler dirs to the PATH.

Now find the applet for changing your environment variables in the Windows System control panel. Add/modify the environment variables according to the batch file. After you do this, the batch file generated by IDL to compile your files should be able to locate the compiler.

Karl
