
Subject: Re: Call_external

Posted by [Dr Paul Ducksbury](#) on Wed, 10 Mar 2004 14:39:28 GMT

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Thanks for that it looks easier than MS description of building shareable objects and def files. Only one small problem i'm having now is that all_callext_examples fails as it was unable to find some files. I assume its some problem so obvious its hitting me in the face, just cant see it.

Anyone any ideas ?

thanks

```
IDL> all_callext_examples
```

```
% Compiled module: ALL_CALLEXT_EXAMPLES.
```

```
% Compiled module: SIMPLE_VARS.
```

```
Calling simple_vars with the following arguments:
```

```
B_L      BYTE    =    2
```

```
I_L      INT     =    3
```

```
L_L      LONG    =    4
```

```
F_L      FLOAT   =    5.00000
```

```
D_L      DOUBLE  =    6.0000000
```

```
% Compiled module: GET_CALLEXT_EXLIB.
```

```
The name specified is not recognized as an  
internal or external command, operable program or batch file.
```

```
cl -D_DLL -DWIN32 -D_MT /nologo /I"E:\RS\IDL60\external\include" /c
```

```
"E:\RS\IDL60\external\call_external\C\incr_struct.c"
```

```
/Fo"incr_struct_166_PDPC.obj"
```

```
Could Not Find
```

```
C:\WINNT\Profiles\ducksbury\idl\idl_6_0_Win32_x86_m32_f64\c ompile_dir\call_  
external_examples_166_PDPC.exp
```

```
Could Not Find
```

```
C:\WINNT\Profiles\ducksbury\idl\idl_6_0_Win32_x86_m32_f64\c ompile_dir\call_  
external_examples_166_PDPC.lib
```

```
Could Not Find
```

```
C:\WINNT\Profiles\ducksbury\idl\idl_6_0_Win32_x86_m32_f64\c ompile_dir\incr_  
struct_166_PDPC.obj
```

```
Could Not Find
```

```
C:\WINNT\Profiles\ducksbury\idl\idl_6_0_Win32_x86_m32_f64\c ompile_dir\simpl  
e_vars_166_PDPC.obj
```

```
Could Not Find
```

```
C:\WINNT\Profiles\ducksbury\idl\idl_6_0_Win32_x86_m32_f64\c ompile_dir\strin  
g_array_166_PDPC.obj
```

```
Could Not Find
```

```
C:\WINNT\Profiles\ducksbury\idl\idl_6_0_Win32_x86_m32_f64\c ompile_dir\sum_a  
rray_166_PDPC.obj
```

```
Could Not Find
```

```
C:\WINNT\Profiles\ducksbury\idl\idl_6_0_Win32_x86_m32_f64\c ompile_dir\sum_2
```

```
d_array_166_PDPC.obj
% CALL_EXTERNAL: Error loading sharable executable.
      Symbol: simple_vars, File =
      C:\WINNT\Profiles\ducksbury\idl\idl_6_0_Win32_x86_m32_f64\c ompile_dir\call_
external_examples.dll
      ERROR_MOD_NOT_FOUND
% Error occurred at: SIMPLE_VARS      91
E:\RSI\IDL60\external\call_external\C\simple_vars.pro
%      ALL_CALLEXT_EXAMPLES  58
E:\RSI\IDL60\external\call_external\C\all_callexth_examples.p ro
%      $MAIN$
% Execution halted at: ALL_CALLEXT_EXAMPLES  58
E:\RSI\IDL60\external\call_external\C\all_callexth_examples.p ro
```

"Haje Korth" <haje.korth@jhuapl.edu> wrote in message
news:c2n469\$63v\$1@aplcore.jhuapl.edu...

```
> Paul,
> Checkout the examples in the RSI\IDL60\external directory. They are pretty
> self-explanatory and are probably as descriptive as it will ever be. The
> only book on external routines that I know of, was published by Ronn Kling
> and specializes on DLMs. While DLM are extremely nice to handle within
IDL.
> They are not the easiest to implement.
>
> Cheers,
> Haje
>
>
> "Dr Paul Ducksbury" <p.ducksbury@signal.qinetiq.com> wrote in message
> news:1078919071.346356@bengal...
>> Is there a simple guide to using call_external ? as i dont have the
> external
>> development manual that the help page suggests.
>>
>> Im using IDL 6.0 on PC (windows) with visual c++ 6.0
>>
>> thanks
>>
>> Paul
>>
```
