
Subject: Re: Pros & cons of methods 1) DLM and 2) Call_External of calling C from IDL

Posted by [neil salmon](#) on Tue, 09 Aug 2016 10:26:47 GMT

[View Forum Message](#) <> [Reply to Message](#)

Small progress, both gcc and cl compilers create and object files from the sources, however it does not proceed to the link phase. See what i mean in the following.

IDL script for gcc compiler:

```
make_dll, 'mg_callex_total', 'IDL_Load', export_rtns, $  
INPUT_DIRECTORY=working_directory+'test_call_external' , CC='gcc -c %C', $ ;
```

generates:

```
gcc -c " C:\USERS\NEIL\DOCUMENTS\IDL\test_call_external\mg_callex_total.c "  
Could Not Find C:\Users\Neil\Documents\IDL\test_call_external\IDL_Load_4592  
_NEIL-THINK.exp  
Could Not Find C:\Users\Neil\Documents\IDL\test_call_external\IDL_Load_4592 _NEIL-THINK.lib  
Could Not Find C:\Users\Neil\Documents\IDL\test_call_external\mg_callex_tot  
al_4592_NEIL-THINK.obj
```

IDL script for cl compiler:

```
make_dll, "mg_callex_total", "IDL_Load", export_rtns, $  
INPUT_DIRECTORY=working_directory+"test_call_external", CC="cl %C %O"
```

generates:

```
mg_callex_total.c  
Microsoft (R) Incremental Linker Version 10.00.40219.01  
Copyright (C) Microsoft Corporation. All rights reserved.  
  
/out:mg_callex_total.exe  
mg_callex_total.obj  
mg_callex_total_4592_NEIL-THINK.obj  
LINK : fatal error LNK1181: cannot open input file 'mg_callex_total_4592_NEIL-THINK.obj'  
Could Not Find C:\Users\Neil\Documents\IDL\test_call_external\IDL_Load_4592  
_NEIL-THINK.exp  
Could Not Find C:\Users\Neil\Documents\IDL\test_call_external\IDL_Load_4592 _NEIL-THINK.lib  
Could Not Find C:\Users\Neil\Documents\IDL\test_call_external\mg_callex_tot  
al_4592_NEIL-THINK.obj  
-----
```

However, for some reason what should be the output file 'IDL_Load' it appends on to the end of this _4593_NEIL-THINK, which is the name of my machine on the net. I take it this should not happen? However, no such output file appears to be generated.

Any clues why this does not proceed to the link phase?

many thanks,
neil
