
Subject: how to call IDL from FORTRAN (MS Windows environment)

Posted by [t.anttila](#) on Thu, 20 Oct 2005 12:34:28 GMT

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Dear all,

After a brief and fruitless search through IDLs "External Development Guide" and Internet, I'd like to ask your help on the following topic.

I'm using the Compaq Fortran Compiler together with IDL 6.1 in Windows XP with an aim to call IDL from a FORTRAN application. I started using the sample program calltest.f. I copied idl32.lib and idl32.dll to the FORTRAN directory and linked idl32.lib to the project. However, none of the IDL subroutines were found:

calltest.obj : error LNK2001: unresolved external symbol _IDL_INIT@12

...and so on...

This is perhaps a very simple problem, but what's wrong? Please note that I didn't include external.h (or it's FORTRAN translation) or any C wrapper.

I also tried to use idl_callproxy.lib instead of idl_32.lib, but with similar results. In the optimal case, there's a solution to this problem without too much messing with C/Fortran-conversion, since I'm not a programmer really.

Thanks in advance,
Tatu
