
Subject: Linking IDL with FORTRAN routines under UNIX

Posted by [lord](#) on Thu, 19 Sep 1991 22:21:59 GMT

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To those who use IDL along with Fortran in a UNIX environment:

I am attempting to call external user-written FORTRAN library subprograms using the IDL `call_external` command. I am on a UNIX 4.1 operating system and IDL version 2.1 (although I have only 2.0 manuals and the 2.1 online help does not include some of the Chapters with examples.)

The folks at RSI suggest that this may only be possible if I pass subprogram parameters first through an "interface" program in written in C, which then calls the FORTRAN subprogram. However, they can not provide me with a working example, because they do not have a FORTRAN compiler.

Has anyone out there successfully called user-written FORTRAN routines from an IDL routine? Under UNIX? I would greatly appreciate an example (including the explicit compile and load commands and the IDL call).

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thanks
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