
Subject: Re: Fortran

Posted by [mallors](#) on Sun, 11 Apr 1999 07:00:00 GMT

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

In article <ojXO2.50044\$qt5.6315@news.rdc2.occa.home.com>,

"H T Onishi" <htonishi@home.com> writes:

- > I'm just starting a project that requires developing
- > a GUI for a large
- > FORTRAN code. Work will be done on a PC. We are
- > considering IDL, however,
- > there is a "Just Say No" warning in one of the IDL
- > reference books.
- > Developing a C wrapper is formidable because the
- > FORTRAN code is formidable.
- > Has anyone successfully linked IDL and FORTRAN?
- > Any suggestions (such as
- > avoid at all costs)? Any comparisons with Visual Basic?

Several years ago, I wasted countless hours trying to get FORTRAN and IDL to work together via CALL_EXTERNAL.

The problem, I eventually found out, that you can (safely) do NO I/O in the FORTRAN code. FORTRAN I/O through CALL_EXT will seem to work Ok on some platforms, but will break IDL on others.

This warning is now added to the IDL documentation - do not ignore it! If your FORTRAN has I/O scattered throughout, you will have a rough time.

If your GUI does not have to be extremely complex, you can write it directly in FORTRAN. Check out

<http://www.cs.ubishops.ca/ljensen/fortran/dislin/dislin.html>

Regards,

-bob mallozzi

--

~~~~~  
Robert S. Mallozzi

256-544-0887

Mail Code ES 84

Work: <http://www.batse.msfc.nasa.gov/> Marshall Space Flight Center

Play: <http://cspar.uah.edu/~mallozzir/> Huntsville, AL 35812  
~~~~~
