Subject: Re: C-->IDL / FORTRAN-->IDL searched
Posted by steinh on Thu, 15 Aug 1996 07:00:00 GMT
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In article <32127A95.41C6@raptor.lpl.arizona.edu>, Tim Patterson <tim@raptor.lpl.arizona.edu>
writes:
|>
|> Going from C -> IDL might be impossible unles somebody wanted
|> to handle pointers anbd pinters to pointers etc.
|> But Fortran -> IDL should be easier. At least, i can think of
|> anything in F77 that can't be done in IDL. Optimizing the
|> IDL code would be the hard part if you wanted to make an efficient
|> translation.
|>

Yes, you're right about that. I guess you could *almost* convert
an f77 program to IDL through some simple search-and-replace
macros/functions in emacs, but then you'd essentially have a
slow f77 program, with f77 programming style but with IDL
syntax/semantics. Much better then, to either use call_external
fortran subroutines, or to use IDL as an RPC server from f77. Both
methods allow mixing of f77 for speed and IDL for e.g., plotting.

I don't program in Fortran so don't take the above statement
about f77->IDL by search-and-replace statements too seriously.

Stein Vidar