
Subject: Re: C-->IDL / FORTRAN-->IDL searched
Posted by [Tim Patterson](#) on Wed, 14 Aug 1996 07:00:00 GMT
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Stein Vidar (UiO) wrote:

>
> In article <32106E36.11DF863A@phim.unibe.ch>, Simon Hefti <hefti@phim.unibe.ch> writes:
> |> Hi,
> |>
> |> has anyone written a C to IDL and/or FORTRAN to IDL converter
> |> similar to p2c or f2c ?
> |>
> |> If not I think this might be a very nice tool to have ...
>
> Indeed, but I wouldn't spend much time searching for one,
> it's quite unlikely that any such creature exists.
> Going from a "low-level" to a "high-level" language is not
> an easy task to do automatically -- it's just about impossible.
> Going the other way, from IDL->C or IDL->FORTRAN is feasible,
> though, but I haven't heard about any program that actually does
> it.
>
> Stein Vidar

Going from C -> IDL might be impossible unless somebody wanted
to handle pointers and pointers 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.

Tim
