Subject: Re: Pointer syntax and IDL 4.0
Posted by Paul van Delst on Wed, 19 Dec 2001 21:07:33 GMT

tam wrote:

>
> Recently I upgraded the a couple of routines to use pointers
> in certain special cases. However the pointer dereference operator
> is illegal prior to version 5.0, so the code fails to compile on
> older versions of IDL -- though the great majority of the code is still
> useful there. It would be nice to be able to use a single
> version of code to support all users, so I'm asking the question:
> Is there any way of addressing this, i.e., dereferencing a pointer
> in a way that will not cause a syntax error for earlier versions of IDL?
>
> An obvious solution would be if there were a dereferencing function
> as well as an operator...
>
>   x = ptr_val(some_pointer)
>
> would be the same as
>
>   x = *some_pointer
>
> but I don't think IDL supplies one.   If I write this one-liner
> myself, I may reduce the number of errors in the code to one
> but I'd prefer to make it completely transparent...
>
> Any ideas?

Have a lookie at:

http://cimss.ssec.wisc.edu/~gumley/pointers.html

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