
Subject: Re: Function referencing/automatic definition question.
Posted by [Robert.S.Hill.1](#) on Fri, 30 May 2003 14:12:20 GMT
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Paul van Delst <paul.vandelst@noaa.gov> writes:

```
> Here is the snippet of code where the weird stuff occurs (I commented
> out the COMPILE STRICTARR statement):
>
> ; -----
> ; Create and allocate the coefficient structure
> ; -----
> ; -- Create the structure
> EmisCoeff = { EmisCoeff }
>
> print,routine_info(/FUNCTIONS,/SOURCE)
> stop ;***NOTE the STOP ***
> ; -- Allocate it
> Result = Allocate_EmisCoeff( n_Wind_Speeds, n_Coefficients,
> n_Channels, $
>             EmisCoeff )
> IF ( Result NE SUCCESS ) THEN $
>   MESSAGE, 'Error allocating EmisCoeff structure', $
>   /NONAME, /NOPRINT
```

I interject myself into this discussion with great trepidation, but...
Isn't this a compile-time issue, rather than a run-time issue? Unless
Allocate_EmisCoeff has been compiled already when the routine containing
the snippet is compiled, then Allocate_EmisCoeff is going to look like a
variable no matter what the situation is at run time. Or did I miss
something in the previous discussion, in which case I am baffled, too.
But this is precisely the sort of thing that forward_function takes care
of.

-Bob Hill
