

Re: Namelist Internal Read

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Walt Brainerd wrote:

> *gary.l.scott@lmco.com* wrote:

>

> > *I've also never quite understood the need for the quirky &.../*
> *syntax.*

>

> *It's the same reason as the inconsistent names for*
> *the bit intrinsics. I am not sure where namelist*
> *came from originally, but probably some vendor did*
> *it many years ago and some individual thought up*
> *what seemed like a neat scheme at the time.*

>

> *When it came up for standardization, "existing*
> *practice" was picked, rather than a nicer design.*

>

> *[Take note, ye who complain that the standards*
> *committee never adopts existing practice.]*

>

I hate that. If there are blatantly obvious faults in the design, it should not be adopted as-is. Vendors should define any extensions by preceding the name with something that identifies it as an extension (i.e. DEC_CRAY_POINTER, instead of just POINTER).

In reality, I'd just like a nice automatic text "parsing" procedure or set of procedures that advances on namelist capabilities. I'm ok with inputting file content through a separate read(s) and passing each string to the parsing routine(s) preceded by a "template" of how I want it to be parsed. The "component_name keyword=value, keyword=value,..." part of the template is sort of obvious. It seems that you could simply submit a derived type or several arrays to define the templates and optional values for "substitutions" (need to define a syntax for substitutions).

> --

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comp.lang.fortran: Re: Namelist Internal Read

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