

Public Review Comment #16

From: Arnold Neumaier [Arnold.Neumaier@univie.ac.at]  
Sent: Friday, November 15, 2002 2:57 AM  
To: Donovan, Deborah; psa@ansi.org  
Cc: bill.walster@eng.sun.com  
Subject: Square Brackets in Standard Fortran

I would like to support Bill Walster's request that square brackets are not used to denote subsidiary issues, conflicting with the important (and mathematically established) usage to denote intervals.

As a major coordinator of activities in the field of global optimization, where interval techniques play a crucial role, and where more and more applied problems (e.g., FEM calculations in structural engineering) have to consider the effects of bounded data uncertainties (specified by intervals), it would be a disservice to the community to disable the natural format of specifying intervals by the proposed standard.

Yours sincerely,

Arnold Neumaier  
Professor of Computational Mathematics  
University of Vienna, Austria  
<http://www.mat.univie.ac.at/~neum>  
<http://www.mat.univie.ac.at/coconut>

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>I am writing to request that the proposed use of square brackets "[.]"  
>in the Fortran 2000 standard be reconsidered. It is difficult for me  
>to believe that the proposed use of square brackets has higher priority  
>than keeping them available to support interval data types.  
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> G. William (Bill) Walster, Ph.D.  
> Interval Technology Engineering Manager  
> Sun Microsystems, Inc.  
> 16 Network Circle, MS UMPK16-304  
> Menlo Park, CA 94025  
> (650) 786-9004 Direct  
> (650) 786-9551 Fax  
>  
> bill.walster@eng.sun.com  
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