

Re: SGI introduced a bug in 7.41 compiler?

Source: <http://coding.derkeiler.com/Archive/Fortran/comp.lang.fortran/2004-09/0687.html>

From: Richard E Maine (*nospam_at_see.signature*)

Date: 09/21/04

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Bil Kleb <Bil.Kleb@NASA.Gov> writes:

> *According to ifc, ifort, lf95, nagf95, nasf95, pgf90, and the
> 7.3.1.2m version of SGI's f90 compiler, the follow code is ok:*
[elided]

> *However, version 7.41 of SGI's compiler does not think so:*

...

> *Local-name "A_LOCAL" must only be referenced once in a rename-list in this scope.*

...

> *Bug?*

Yep. I'd say so.

In addition to the fact that I don't see anything wrong in general, the message is "obviously" nonsense in that a_local *IS* only referenced once in a rename-list any particular scope. The two rename-lists are in different scopes.

Seems to me that I recall something vaguely similar mentioned in the newsgroup recently (well, in the past few months). I don't remember what compiler or exactly what code, but I do recall a compiler complaining about conflicts in a scoping unit when the things in question were actually in two different scoping units. Admittedly, that's a pretty loose connection, so it might have been unrelated.

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Richard Maine

email: my first.last at org.domain

org: nasa, domain: gov

| Good judgment comes from experience;

| experience comes from bad judgment.

| -- Mark Twain