Subject: Issue 142 and unrelated but nearby stuff
From: Van Snyder

1 Discussion

In issue 142, the editor suggests that an explicit interface ought to be required if a dummy argument has an assumed type parameter other than a character length. I agree with the editor.

2 Edits

Edits refer to 99-007r2. Page and line numbers are displayed in the margin. Absent other instructions, a page and line number or line number range implies all of the indicated text is to be replaced by immediately following text, while a page and line number followed by + indicates that immediately following text is to be inserted after the indicated line. Remarks for the editor are noted in the margin, or appear between [and] in the text.

(i) A dummy argument that has an assumed type parameter other than a character length. 263:24+

Unresolved issue xxx 263:32-39
In 12.3.1.1, should an explicit interface be required if a dummy argument is of a derived type with user-defined kind type parameters? This would allow compile-time checking in the non-polymorphic case.

3 Additional nearby but unrelated edits

It would be clearer if we combine all of the attribute criteria into a single one, and put all of the dummy-argument-related criteria together, without result-value criteria separating them.

(a) A dummy argument has the ALLOCATABLE, ASYNCHRONOUS, OPTIONAL, POINTER, TARGET, VALUE or VOLATILE attribute. 263:20-22

(b) A dummy argument that is an assumed-shape array.

[Editor: Delete.] 263:28-29

[Editor: Move to 263:24+.] 263:30