Subject: Comments on Section 5
From: Van Snyder

1 Edits

Edits refer to 01-007r3. 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 (before) the indicated line. Remarks are noted in the margin, or appear between [and] in the text.

[There is no *component-def* term. Editor: "*component-def* statements" ⇒ "*component-def-stmt*s" (notice that the final "s" is not in "syntax term" font).] 68:33

[Editor: "*scalar-char-initialization-exp*" ⇒ "*scalar-char-initialization-expr*", i.e., put an *r* on the end.] 71:1

[Editor: Embolden "assumed-size array" because this is its definition (see e.g. [72:10]).] 73:2

[C549 is confusing. Because only a dummy argument can have an assumed size, it appears to be restating the obvious. But it's more subtle than that: It's referring to a dummy procedure. Constraints should refer to syntax terms.] 73:6-9

C548$\frac{1}{2}$ (R520) An *assumed-size-spec* shall not appear except in the declaration of array bounds of a dummy argument.

C549 (R520) An *assumed-size-spec* shall not appear as the declaration of the array bounds of a dummy function procedure.

C550 (R520) If an *assumed-size-spec* appears and the INTENT(OUT) attribute is specified, the type of the dummy argument shall not specify default initialization.

[R557 explicitly specifies that a *namelist-group-object* is a variable. Editor: "data objects (variables)" ⇒ "variables".] 87:43

2 Not sure what to do

A result of C545 is that the discussion of explicit specification of *access-spec* can only apply to entities declared or accessible in the scoping unit of a module. But it doesn't apply to entities that aren't explicitly specified to have an *access-spec*. So the sentence "Identities without an explicitly specified *access-spec* have default accessibility" could apply to any identifier. Need to make it apply only to entities declared in the scoping unit of the module, or accessible there by use association. 69:33-44

Should C550 refer to a syntax rule? 73:8

Should C551-C553 refer to syntax rules? 74:18-25

The constraint appears not to apply to R1201, and probably doesn't apply to rule R1201 twice. 76:10