Subject: Feature creep suggestions for Clause 12 — revision of 06-284
From: Van Snyder

1   Edits

Edits refer to 06-007r1. 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 associated text, while a page and line number followed by + (-) indicates that associated text is to be inserted after (before) the indicated line. Remarks are noted in the margin, or appear between [and] in the text.

[What's the point of the "nonoptional" restriction? Where used for defined assignment, both actual arguments are going to be present. Elsewhere, it just prevents a class of defined-assignment routines to be used for other purposes. Editor: "two dummy arguments. ...nonoptional" ⇒ "two dummy arguments that are".] 303:14-15

[The FORALL, ASSOCIATE, SELECT TYPE and BLOCK constructs are executable. The name of a dummy argument in an ENTRY statement ought to be allowed to appear in them if the name is a construct entity. Structure constructors can appear in executable constructs, and one might legitimately try to use the name of a component name keyword that's the same as a dummy argument. Array constructors can appear in executable constructs, and one might legitimately try to use a type parameter name keyword that's the same as a dummy argument. Editor: Insert "except where it is a construct entity or a keyword in a constructor," before "unless". Maybe it's good enough to delete "a name that appears as" at [331:38], since these entities are not the same entity as the dummy argument.] 331:39

[Editor: "the entity" ⇒ "an entity", insert ", or has type and type parameters determined by the implicit typing rules in effect in that scoping unit" after "function".] 334:4