Subject: Section 1.3 from 03-107r1, revised
From: Van Snyder

1 Introduction

Section 1.3 from 03-107r1 needs to be revised to account for 03-166.

2 Edits for Section 4 in 02-007r3

Edits refer to 02-007r3. 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 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.

Most of the following changes were proposed in paper 02-278r2 at J3 meeting 163. The changes for Note 4.45 on page 54 and constraint 480 on page 61 were also proposed in paper 02-306r1 at J3 meeting 163, and part 5 of paper 02-319r2.

[Editor: "Variables may be objects or subobjects." ⇒ "A variable is a data object."] 33:12

[A *scalar-int-initialization-expr* cannot possibly be a dummy argument. Editor: "present" ⇒ "specified".] 62:28

3 Edits with respect to 03-166

[Editor: Unbold "components".] 41:7

[The introductory waffle mostly ignores type-bound procedures, but where it doesn't, it's wrong. Editor: After "components" at [41:7] insert "and type-bound procedures". Delete the first sentence at [41:20] because it's no longer needed. Delete the second sentence at [41:20-21] because it's wrong.] 41:7, 20-21

[Editor: Append sentence "If its kind selector is omitted, the kind type parameter is default integer."] 45:11

[Repeats verbatim material from 4.2, after which it's upside-down: The attribute determines what variety of a parameter it is. All that's necessary here is the last sentence (but alone it would have a dangling antecedent):] 45:12-14

The *type-param-attr-spec* explicitly specifies whether a type parameter is a kind parameter or a length parameter.

[Editor: "a bound for an *explicit-shape-spec* or a *type-param-value*" ⇒ "a *type-param-value* or a bound in an *explicit-shape-spec*".] 47:Note 4.26

[Editor: In fourth and fifth lines of Note 4.36 (cont): "TYPE(MEMBER)" ⇒ "TYPE(MEMBER(9))" twice.] 51:Note 4.36

[Sounds like the final subroutine calls the other final subroutines. Editor: Delete "calling" from the second line of Note 4.44 and insert "are called" after "type" on the third line.] 54:21+7-8

[Editor: Move the bold to the second instance of "finalized".] 55:2

[The sentence "If the object . . . undefined" has nothing to do with *when* an object is finalized, but rather what happens if it's not finalized. A more logical place for it is in 4.5.5.1. Editor: "the object" ⇒ "an object"; then move the sentence to [55:16+], making it a separate paragraph.] 55:23-24

[Editor: "which" ⇒ "that" at the first line of Note 4.46.] 56:4+2

[Editor: "An" ⇒ "A scalar". This change was recommended in J3 meeting 164 paper 02-332.] 56:17

[Editor: "specific" ⇒ "nongeneric".] 57:2

[Editor: In the last line of Note 4.52 (cont): "POINT_3D" ⇒ "POINT_3D_LENGTH".] 58:0+3