Subject: Editorial comments on Section 4
From: Van Snyder

# 1 Edits

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.

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[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

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[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:] 45:28-46:1

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

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[Editor: In lines 10-11 of Note 4.24: "TYPE(MEMBER)" ⇒ "TYPE(MEMBER(9))" twice.] 47:Note 4.24

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[Sounds like the final subroutine calls the other final subroutines. Editor: Delete "calling" from the second line of Note 4.33 and insert "are called" after "type" on the third line.] 50:18+7-8

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[The possibility to use a *type-alias* name for a parent type name was deleted between 02-007r2 and 02-007r3. Compare versions of Constraint 417. Editor: Delete "a *type-alias* name or".] 54:5+2

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[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 4.5.10.0. Editor: "the object" ⇒ "an object"; then move the sentence to [60:13+], making it a separate paragraph. Notice, however, that if 02-290 passes it deletes this.] 60:20-21

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[Editor: "which" ⇒ "that" at the first line of Note 4.58.] 61:0+2

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[Editor: replace "or" by a comma at [61:10] and insert ", or a previously defined type alias" after "type" at [61:11].] 61:10-11

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