14 November 2002 J3/02-285r2

Subject: Editorial comments on Section 12

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. [This isn't the definition of "abstract interface." Editor: Disembolden "abstract interface".] 255:31 [Editor: Delete the last sentence of the paragraph. It duplicates one at [255:32-33].] 255:39-40 [Editor: "all of ... the" \Rightarrow "an".] 255:41[The two sentences "The characteristics ... (12.3.2.3)." are irrelevant to generic interfaces, and 257:3-5 10 are already covered by [255:28-29]. Editor: Delete them.] 11 [Editor: "operators" \Rightarrow "operations".] 259:5+4[A dummy procedure pointer is a dummy procedure (see [252:9]), so we need to exclude it here. 267:15 13 Editor: After "procedure" insert "without the POINTER attribute".] 14 [Editor: After "pointer" insert "that is associated with a procedure" twice.] 267:16,17 [This sentence overlooks DTIO. Editor: "or" \Rightarrow ","; after "(7.4.1.4)" insert ", or user-defined 272:10 16 derived-type input/output (9.5.3.7.1)".] 17 [This sentence overlooks DTIO. Editor: "or" \Rightarrow ","; after second "statement" insert ", or the 272:13 18 processing of an input or output list item". 19 The nearby material isn't about prefix-specs; those discussions are two paragraphs and a note 276:14-18 below. Editor: Move this paragraph to be between Note 12.37 and [276:30].] 21 The remainder of the paragraph discusses "the function;" this sentence suddenly discusses "a 276:24-25 22 function." Editor, for consistency, "a" \Rightarrow "the" and the second "the value" \Rightarrow "that". 23 Too wordy, and sounds like one can't specify INTENT(IN) for pointer arguments. Use the 282:1-2 term "dummy data object" for a dummy data object.] 25 C1267 The specification-part of a pure function subprogram shall specify that all nonpointer 26 dummy data objects have INTENT(IN). 27 [Too wordy, and sounds like one can't specify INTENT for pointer arguments. Use the term 282:3-5 28 "dummy data object" for a dummy data object. 29 C1268 The specification-part of a pure subroutine subprogram shall specify the intents of all 30 nonpointer dummy data objects. 31 [Too wordy. Editor: "dummy arguments that are procedure arguments" ⇒ "dummy proce- 282:9-10 32 dures".] 33

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