Subject: Changes for USTAG to suggest to the FCD
From: Van Snyder

1   Edits

Edits refer to 03-007r2. 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.

[Editor: "one" ⇒ "any" twice (so nobody will think that "one" means "but two or three is OK").]	3:28, 4:4
[Editor: Hyphenate "standard conforming".]	4:5
[Editor: "body" ⇒ "material".]	4:37
[Editor: In Table 2.1, "enumeration declarations" should be "enumeration definitions" (see [66:2-3]). In note 1 in Table 2.2, "enum statements" should be "enumeration definitions".]	14
[The reference to SEQUENCE is two subclauses hence, and therefore somewhat obscure. Editor: either "SEQUENCE" ⇒ "*sequence-stmt* (R434)" or insert "(4.5.1.2)" after "SEQUENCE".]	45:21

[Begs the question "Are there other extensible types?" because it's backward. Editor: Replace by]   *60:6*

An **extensible type** is a nonsequence derived type that does not have the BIND attribute.

[Begs the questions "Are there other base types? Are there other extended types?" Editor: "An   *60:7-8* extensible ... **extended type** ⇒ "A **base type** is an extensible type that does not have the EXTENDS attribute. An **extended type** is a type that has the EXTENDS attribute."]

[([60:6-8] say "Every mammal with large teeth is a dog" but they should say "Every dog is a mammal with large teeth".)]

[Do we need to say that the attribute shall be conferred in the scoping unit of the procedure of which the argument is a dummy argument?]	72:35
[Editor: Insert "declared" between "same" and "type" twice.]	75:26, 76:1
[Editor: Delete "For a polymorphic ... declared type."]	75:26-27
[Malcolm has pointed out that objects do not exist in several scopes; they may be associated with objects in different scopes. What is the effect of the ASYNCHRONOUS attribute on storage association?]	77:14-16
[Number disagrees. Editor: Second "is" ⇒ "are".]	78:3
[Malcolm has pointed out that objects do not exist in several scopes; they may be associated with objects in different scopes. What is the effect of the VOLATILE attribute on storage association?]	85:7-9

The allocation status of an entity associated with an *associate-name* shall not be changed during exe-   161:23+ New ¶ cution of the construct. If the value of an entity associated with an *associate-name* is affected through the *associate-name*, then at any time during the execution of the construct, either before or after the definition or undefinition, it may be referenced only through the *associate-name*.

[Compare to [273:17-18] and [275:3-6]. Construct association was consciously modeled on argument association, but we missed these two restrictions.]

[C816 says nothing about nonunlimited polymorphic objects that is not already said by C426 [45:17]   162:21-22 and [60:6]. Editor: Replace C816:]

C816   (R823) The *type-spec* shall specify a type with which the *selector* is type compatible.

[The other four occurrences of nonpolymorphic are not hyphenated. Editor: In the last paragraph of   269:0+6,10 Note 12.21, dehyphenate "non-polymorphic" twice.]

[Why are we careful to say "value ... is affected" instead of "value ... is defined", but then say only   275:5

1   "the definition"? Editor: Add "or undefinition" after "definition."]

2   [Jean Vezina noticed that C1266 at [286:10-11] requires arguments of pure functions explicitly to have   277:18+6
3   the INTENT(IN) attribute. Editor: "REAL"⇒ REAL, INTENT(IN) ::".]

4   [A procedure is defined by a subprogram, for which there is only one text, so there can only be one
5   "instance" of a subprogram.]

6   [Editor: "subprogram" ⇒ "procedure" four times.]   282:30,36-38

7   When a procedure defined by a subprogram is invoked, an **instance** of that procedure is   282:31

8   [Editor: First "subprogram" ⇒ "procedure".]   282:35

9   [Editor: Insert "a processor-dependent approximation to" before "$\pi/2$".]   306:10

10 [*asynchronous-stmt* and *volatile-stmt* are not in the list. Does this mean that these statements confer 411:14-15
11 the attribute on a host-associated object?]

12 [Number disagrees. Editor: Either "variables" ⇒ "variable", or delete "an" and "specifier" ⇒ "speci- 423:2-3
13 fiers".]

14 [Jan van Osterwijk noticed a typo. Editor: "of MAR" ⇒ "of MARY".]   453:2

15 [Jean Vezina noticed a typo. Editor: Insert ";" after the last "c".]   486:35