

Subject: Comments on Clause 2
 From: Van Snyder

1 Edits

- 2 Edits refer to 07-007r1. Page and line numbers are displayed in the margin. Absent other instructions, a
 3 page and line number or line number range implies all of the indicated text is to be replaced by associated
 4 text, while a page and line number followed by + (-) indicates that associated text is to be inserted after
 5 (before) the indicated line. Remarks are noted in the margin, or appear between [and] in the text.
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- 6 [The immediately preceding subclause defines the notation used in the standard. We don't find it 9:4-5
 7 necessary to specify where to find the notation in the introductory waffle of any other clause. Editor:
 8 Delete "The notation ... 1.7."]
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- 9 [It's not necessary to say this here and at [12:43]; it's more proper to say it at [12:43]. Editor: Delete "A 9:8-9
 10 *program ... both.*"]
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- 11 [Editor: Replace "a extension" by "an extension".] 12:29
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- 12 [Editor: After "program" insert ", which may be defined by a Fortran *main-program program-unit* or 12:43
 13 by means other than Fortran, but not both".]
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- 14 [Editor: Replace "in" with "by" for consistency with the remainder of the sentence.] 13:9
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- 15 [Too complicated. Editor: Replace "Unless ... function value" by "A subroutine or function that is not 13:10-12
 16 pure may change the program state by changing the values of any of the data objects accessible to it".]
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- 17 [Editor: Delete "executable".] 15:6
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- 18 [What is the point of footnote 1? Scoping units are described only four pages previously. If we must 16: Table 2.2
 19 mutter about the relationship between modules, submodules and scoping units, why not mutter about
 20 internal subprograms, type definitions and interface bodies? Editor: Delete footnote 1 and the reference
 21 to it.]
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- 22 [Editor: Replace "*end-program-stmt_i*" by "*end-program-stmt*".] 17:17
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- 23 [Editor: Replace "is contained" by "appears".] 18:9
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- 24 [Editor: Replace "the language" by "*\thisstandard*".] 18:24
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- 25 [Editor: Replace "provide" by "create" or "construct". Delete "data" since we didn't bother with it at 18:30
 26 [18:27].]
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- 27 [Editor: Replace "supplied by procedure definitions" by "defined by procedures (7.1.6)".] 19:2
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- 28 [There's no excuse to take two sentences for each of these concepts. Besides, the stuff about disassociation 22:15-20
 29 isn't quite correct, and the perfectly good descriptions in Clause 16 don't need to be repeated. Editor:
 30 Replace the paragraph by the following:]
- 31 A pointer is **associated** with a **target** by pointer initialization (4.5.4.5, 5.2.3) or the events described in
 32 16.5.2.2.1. A pointer is **disassociated** by explicit or default initialization to NULL(), or by the events
 33 described in 16.5.2.2.2. A disassociated pointer is not associated with a target.
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- 34 [The term "global procedure" is not defined or used anywhere else. Editor: Insert "external" before 24:37
 35 "procedures".]
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- ## 36 2 Question without answer
- 37 Shouldn't the sentence have or be followed by an "otherwise" part? Without it, I don't see how the 16:11-13
 38 images get created. There also seems to be an implicit connection between "instance" (which I thought
 39 was related to recursive procedures) and "image".