Subject: Editorial comments on Section 6
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.

[Why is a discussion of pointer undefinition in subclause 6.3.3.2, entitled "Deallocation of pointer targets?" It belongs in 16.4.2.1.3, at [404:32-33], which is the only place with a cross reference to 6.3.3.2. Also, item(3) ought to mention the SAVE attribute. Delete [115:3-5]. Replace [404:32-33] by:] 115:3-15

(4) A procedure is terminated by execution of a RETURN or END statement and the pointer is declared or accessed in the subprogram that defines the procedure unless the pointer

[Then delete "A pointer" from the first line of each item at [115:6-13], replace "with" by "Has" at [115:6], insert "that has the SAVE attribute or" after "block" at [115:8], delete "that" at [115:13], capitalize the resulting first word ("Is") in each item at [115:7-13], and move [115:6-13] to be items (a)-(f) in a sub-list of item (4) at [404:33+]. Here's the result:

(4) A procedure is terminated by execution of a RETURN or END statement and the pointer is declared or accessed in the subprogram that defines the procedure unless the pointer 404:32-33

(a) Has the SAVE attribute,
(b) Is in blank common,
(c) Is in a named common block that appears in at least one other scoping unit that is in execution,
(d) Is in the scoping unit of a module if the module also is accessed by another scoping unit that is in execution,
(e) Is accessed by host association, or
(f) Is the return value of a function declared to have the POINTER attribute.

Notice that items (c) and (d) are modified by 02-290.

Then delete [115:14-15] (it's covered by [404:30-31]).]