Subject: Unresolved issue 13 and topics inspired by it
From: Van Snyder

1 Edits

Edits refer to 99-007r2. 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 immediately following text, while a page and line number followed by + indicates that immediately following text is to be inserted after the indicated line. Remarks for the editor are noted in the margin, or appear between [and] in the text.

[Editor: Replace the period by a comma, and add the following:] 372:33

(5) The pointer is a dummy argument with INTENT(OUT) and the procedure of which it is a dummy argument is invoked,

(6) The pointer is associated with a pointer that becomes deallocated,

(7) The pointer is associated with an allocatable object that becomes deallocated.

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(6) A reference to a procedure causes each dummy argument that is associated with an actual argument and does not have INTENT(OUT) to become defined if its associated actual argument is defined with a value that is not a statement label. 376:25-33

When a dummy argument becomes defined, each subobject of the dummy argument becomes defined if the corresponding subobject of the associated actual argument is defined.

[Editor: Add a new subsection (not necessarily here):] 379:10+

14.x Events that cause allocatable entities to become deallocated

An allocatable entity becomes deallocated when it is

1. deallocated by a DEALLOCATE statement;
2. a dummy argument with INTENT(OUT) and the procedure of which it is a dummy argument is invoked;
3. a function result value and the function is invoked;
4. a non-saved entity that "goes out of scope;"
5. a non-saved entity that "comes into scope," or a saved entity that "comes into scope the first time;"
6. the target of a pointer that is deallocated;
7. a subobject of a *variable* on the left side of the equals sign in an intrinsic assignment statement;
8. a subobject of an entity that is deallocated.

[Editor: Add an unresolved issue:]

I don't know the correct words for the fourth and fifth items above.