Subject: Some more loose ends
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 pick on POINTER? A subobject doesn't get the ALLOCATABLE or OPTIONAL attribute, either. Editor: Replace with a Note 6.9a:] 105:28

NOTE 6.9a

Unless otherwise specified, an array element or array section does not have an attribute of the whole array. In particular, an array element or an array section does not have the POINTER or ALLOCATABLE attribute.

We will want to use *allocate-lower-bound* and *allocate-upper-bound* to allow bounds remapping to have general integer expressions, not just specification expressions. Make the terms have more general names: 109:1-3

R629	*allocate-shape-spec*	**is**	[*lower-bound-expr* :] *upper-bound-expr*
R630	*lower-bound-expr*	**is**	*scalar-int-expr*
R630	*upper-bound-expr*	**is**	*scalar-int-expr*

[Notice that R517 and R518 define *lower-bound* and *upper-bound* to be *specification-expr*s. We shouldn't restrict the bounds in an executable statement to be specification expressions. Also, we don't want even a hint of C550 here. Editor: Replace by] 143:12-13

R737	*bounds-spec*	**is**	*lower-bound-expr* :
R738	*bounds-remapping*	**is**	*lower-bound-expr* : *upper-bound-expr*

["*pointer-object*" isn't germane here. Editor: Replace it with "*data-pointer-object*" twice.] 144:1,5

[Editor: Replace "is present" with "appears".] 144:8

[Editor: "*data-target* and *pointer-object*" ⇒ '*data-target* and *data-pointer-object* or *proc-target* and *proc-pointer-object*".] 151:10

[Editor: "within *pointer-object*" ⇒ "within *data-pointer-object* or *proc-pointer-object*".] 151:10-11

[Editor: "*pointer-object*" ⇒ "*data-pointer-object* or *proc-pointer-object*".] 151:12-13

[Editor: "*data-target*" ⇒ "target".] 151:13

[Defined assignment doesn't apply to pointer assignment. Editor: Delete "or *pointer-object* that becomes associated".] 151:15

[Editor: Insert "semicolon," after "comma,".] 236:30