

Proposed Changes to TR 15581

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1. Summary

- In several places, "shape" was used where "bounds" is appropriate.
- Incorrect semantics for INTENT(OUT) dummy arguments: allocatable arrays and components ought to be DEALLOCATED on entry.

2. Changes to section 2 "Requirements"

In 2.2, second paragraph,

After "allocatable dummy array" insert "that is not INTENT(OUT)".

Replace ". If the dummy argument is not INTENT(OUT) and"

with "; if".

Add to end of paragraph

"An actual argument that corresponds to an INTENT(OUT) allocatable dummy array is deallocated (if it is currently allocated) on procedure entry and the dummy array has an allocation status of not currently allocated."

In 2.4, fourth paragraph,

Replace "shape and value" with "bounds and value" twice.

In 2.4, fifth paragraph,

Replace "same shape" with "same bounds".

In 2.4, add new paragraph to end of section

"An ultimate allocatable array component of an actual argument that corresponds to an INTENT(OUT) dummy argument is deallocated (if currently allocated) on procedure entry and the corresponding component of the dummy argument has an allocation status of not currently allocated."

3. Changes to section 3

As required to implement the above.