

Subject: Priority of interface-block- over type-bound-DTIO is a mistake
 From: Van Snyder

1 Specification change

Type-bound derived-type input/output is specified to be secondary to derived-type input/output defined by interface blocks. This priority completely negates the meaning of the `NON_OVERRIDABLE` attribute of a type-bound procedure. If the priorities were reversed, one could still override a type-bound derived-type input/output procedure, by extending the type, and overriding the binding – *but only if the existing binding does not specify the `NON_OVERRIDABLE` attribute*, and that is as it should be.

In order to respect the `NON_OVERRIDABLE` attribute, exchange the priority: Use a type-bound derived-type input/output procedure if one is specified; otherwise use a derived-type input/output procedure specified by an interface block if there is one.

2 Edits

Edits refer to 00-007r3. 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 immediately following text, while a page and line number followed by + (-) indicates that immediately following text is to be inserted after (before) the indicated line. Remarks for the editor are noted in the margin, or appear between [and] in the text.

[Editor: Move the paragraph at [350:39-43] to here.

350:34+

[Editor: “If” ⇒ “Otherwise, if”.]

350:35