Subject: Feature creep postponed from 177
From: Van Snyder
References: 06-187:68-69

1 Introduction

The feature creep suggestion at lines 68-69 in 06-187 was neither accepted nor rejected at meeting 177. Here it is again, with more complete edits. The point of the suggestion is to allow to put the declaration of an index variable closer to where it's used, and not to require to declare a scoping unit variable just to specify the kind of a construct entity.

2 Specs

Allow an optional type specifier that specifies integer type before the first index variable in a *forall-header*. It specifies the kind type parameter for all index variables. A *forall-header* is also used in a DO CONCURRENT construct.

3 Syntax

Allow optional "INTEGER[(*kind-selector*] ::" before the first index variable in a *forall-header*.

4 Edits

Edits refer to 06-007r1. 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.

R754 *forall-header* **is** ([INTEGER [*kind-selector*] ::] *forall-triplet-spec-list* ■ 168:33
■ [, *scalar-mask-expr*])

[Editor: "that" ⇒ ". If INTEGER *kind-selector* :: appears in *forall-header* it has integer type with the specified kind. If INTEGER :: appears it has integer type and default kind. Otherwise it".] 487:10

[Editor: "; it" ⇒ ". If IMPLICIT NONE is in effect either INTEGER [*kind-selector*] :: shall appear or a variable of the same name shall be declared or accessed by host or use association in the scoping unit containing the construct. It".] 487:12