Subject: Issues 208 and 210, and nearby stuff in the introduction
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: Add a new sentence: New in Fortran 2000 are kind and non-kind type parameters, mixed private and public accessibility of structure components, facilities for object-oriented programming (type extension, type-bound procedures and overloading), the ability to specify a type in an array constructor, and facilities to support interoperability with the C programming language (type aliases and enumerators).] xv:12

J3 note

> Unresolved issue xxx
> Add stuff about destructor procedures (if and when they get done).

[Editor: Delete.] xv:13-15

[Editor: Change "is" to "are".] xv:31

[Editor: Add ", and to declare the type and non-kind type parameters during allocation" at the end of the sentence.] xv:32

[Editor: Add "and modules" after "procedures".] xvi:1

[Editor: After "includes" add:] xvi:3

EXTENDS_TYPE_OF, SAME_TYPE_AS, SELECTED_CHAR_KIND and GET_ENVIRONMENT_VARIABLE. Fortran 2000 extends the functionality of the intrinsic procedure SYSTEM_CLOCK. New in Fortran 2000 is the ISO_FORTRAN_ENV module, that provides named constants for several processor-dependent values.

[If 99-232 passed, delete SELECTED_CHAR_KIND from the list. If 99-233 passed, replace "procedure SYSTEM_CLOCK" above by "procedures DATE_AND_TIME and SYSTEM_CLOCK".]

[Editor: Delete.] xvi:4-6

[Editor: Add "New in Fortran 2000 are SELECT TYPE and ASSOCIATE constructs."] xvi:13

[Editor: Add in the same paragraph: "New in Fortran 2000 are abstract interfaces, and procedure and procedure pointer declarations that use abstract interfaces. xvi:36

J3 note xvi:43+

> Unresolved issue xxx
> Add stuff about controlling host association into interface bodies (if and when it passes).