Subject: Issues 208, 221 and related issues in the Introduction
From: Van Snyder

1 Introduction

Issues 208 and 221 remark that the introduction is incomplete, and that discussions of new features of Fortran 2000 are misplaced.

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.

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(1) Derived type enhancements (parameterized derived types, mixed component accessibility, public entities of private types, ASSOCIATE construct, generalized constructors, and finalizers); xiv:10-16

(2) Object-oriented programming (extensible types, inheritance, polymorphism, dynamic type allocation, and type-bound procedures);

(3) Data manipulation enhancements (allocatable components, deferred type parameters, VOLATILE attribute, explicit type specification in array constructors, INTENT specification for pointer arguments, specifying pointer lower bounds in pointer assignments, extended initialization expressions, MIN and MAX intrinsic functions for character type, and enhanced complex constants);

(4) Input/output enhancements (asynchronous input/output, stream input/output, user-defined derived-type input/output, control of rounding during format conversion, named scratch files, and named constants for standard-defined units and status values);

(5) Procedure pointers and abstract interfaces;

(6) Scoping enhancements (renaming of defined operators and control of host association into interface bodies);

(7) Support for exceptions and IEEE arithmetic;

(8) Interoperability with the C programming language;

(9) Support for cultural adaptability; and

(10) Miscellaneous enhancements (command line arguments, environment variables, increased statement length, and access to error message text.)

It also contains the following nonnormative material:	xiv:27+
Glossary Annex A Decremental features Annex B Extended notes Annex C Index Annex D	
[Editor: delete – note that this deletes unresolved issue notes 208 and 221.]	xiv:28-xvii:19

3 Alternative to one of the above edits

An alternative to the edit above for [xiv:28-xvii:19]:

[Editor: "New ... are" ⇒ "This includes discussion of".]	xv:12
[Editor: replace the final comma by "and".]	xv:13
[Editor: delete ", and overloading".]	xv:14
[Editor: replace the body of unresolved issue note 208 with new complaints.]	xv:19-22
[Editor: "and the" ⇒ "the"; ". New ... are" ⇒ ", and".]	xvi:17, 18
[Editor: "New ... interfaces" ⇒ "Abstract interfaces and their use to describe procedure pointers and external procedures are described".]	xvi:44-46
[Editor: before "This" insert "Controlling host association into interface bodies is described."]	xvii:4
[Editor: delete unresolved issue 221 note.]	xvii:8-10