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.

[Editor: "the major ones" ⇒ "among these".]   xiv:9

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

(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 spec-
ification 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-de-
fined 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:33