

## Initial Fortran 2000 Requirements

The following requirements for Fortran 2000 are organized into two categories: (A) those items identified for processing as technical reports by specialized development bodies other than the primary development body and (B) items assigned to the primary development body; the B list is in priority order. WG5 requests that the primary development body review those items in category B and provide WG5 with the results of that review no later than mid-June 1996.

- A. Requirements assigned to specialized development bodies
  - A.1 Floating point exception handling - procedure approach (N1130)
  - A.2 Interoperability with C (N1131)
  - A.3 Allocatable components, dummy arguments, and function results (N1132, as modified in Nov'95)
  - A.4 Parameterized Derived Types - pending July'96 review (N1132)
  
- B. Requirements assigned to the primary development body
  - B.1 Minor Technical Enhancements (N1144-45)
  - B.2 Derived-type Input/Output (N1144-17)
  - B.3 Condition Handling (N1144-5)
  - B.4 Pointers to Procedures (N1144-43)
  - B.5 Asynchronous I/O (proposed HPPF work) (N1144-52)
  - B.6 Command Line Arguments (N1144-20)
  - B.7 Specifying Default Precisions (N1144-49)
  - B.8 Object Oriented Fortran (N1144-18)
  - B.9 Remove Limitation on Statement Length (N1144-50)
  - B.10 Private and Shared Data in Parallel Processes (N1144-53)
  - B.11 Processor Dependent Features List (N1144-51)
  - B.12 Allow INTENT for POINTER arguments (N1144-44a)
  - B.13 POSIX Binding to Fortran 90 (N1144-47)
  - B.14 Nesting of Internal Procedures (N1144-33)
  - B.15 Bit Data Type - String (N1144-21)
  - B.16 Varying Length Characters with Declared Maximum (N1144-34)
  - B.17 Unsigned INTEGER Data Type (N1144-37)
  - B.18 >7 Array Dimensions (N1144-24)
  - B.19 Renaming Defined Operators (N1144-41)
  - B.20 Variable Repeat Specifiers in FORMATS (N1144-48)
  - B.21 Compiler Directives (N1144-19)
  - B.22 Handling of Pointer Arguments (N1144-44)
  - B.23 Internal Procedures as Actual Arguments (N1144-42)
  - B.24 Packaging Implementer Ininsics in Modules (N1144-46)