Comments on Section 9

To: J3
From: Van Snyder, as amended by Craig Dedo
Date: May 15, 2002
Subject: Comments on Section 9

Edits

Edits refer to 02-007r2.

[204:40] Delete “of the ISO_FORTRAN_ENV intrinsic module”.

[204:43] Replace “of the ISO_FORTRAN_ENV intrinsic module” with “(13.8.3)”.

[205:3] [Editor: “The” ==> “For formatted data transfer, the”.]

[207:1] [Editor: Insert “resolving procedure references, derived-type input/output” into the index (**`\index\{resolving procedure references!derived-type input/output\}}`**).]

[207:2] [Editor: embolden “suitable generic interface” (with {\tdef}). Insert “is one that” after “item”.]

[218:8] [Which “variable specified?” Editor: “variable specified” ==> “*scalar-int-variable* in the IOSTAT= specifier”.]

[218:9] [Editor: Insert “the” before “*iomsg-variable*”.]

[218:10-11] [Which “variable specified?” Editor: “variable specified” ==> “*scalar-int-variable* in the SIZE= specifier”.]

[218:15] [Which “statement specified?” Editor: “specified” ==> “labelled by the *label*”.]

[218:30] [Which “variable specified?” Editor: “variable specified” ==> “*scalar-int-variable* in the IOSTAT= specifier”.]

[218:32] [Which “statement specified?” Editor: “specified” ==> “labelled by the *label*”.]

[219:1] [Which “variable specified?” Editor: “variable specified” ==> “*scalar-int-variable* in the IOSTAT= specifier”.]

[219:2] [Editor: Insert “the” before “*iomsg-variable*”.]

[219:3] [Which “variable specified?” Editor: “variable specified” ==> “*scalar-int-variable* in the SIZE= specifier”.]

[219:5] [Which “statement specified?” Editor: “specified” ==> “labelled by the *label*”.]

[219:8] [Editor: “variable specified” ==> “*scalar-int-variable*”.]

[219:13-14] [It wasn't necessary to mention both the subclause title and the cross reference in 9.5.3.7.2. It isn't necessary here either. Editor: Delete "of the intrinsic module ISO_FORTRAN_ENV".]

[219:16-17] [It wasn't necessary to mention both the subclause title and the cross reference in 9.5.3.7.2. It isn't necessary here either. Editor: Delete "of the intrinsic module ISO_FORTRAN_ENV".]

Answers to questions asked

1. Q. [9.9.1-3] Can more than one of error, end-of-file and end-of-record conditions occur simultaneously? If so, which one gets precedence of processing?
   A. Section 9.9.4 says that conditions are handled in the order error, then end-of-file, then end-of-record.

2. Q. [220:3-4] Does this mean "change the unit number" or "change the contents of the file identified by the unit?"
   A. This refers to an internal unit, which is a CHARACTER variable on an internal I/O, which cannot be modified during the I/O operation.

References

02-007r1, Fortran 2000 Draft

[End of J3 / 02-174r1]