



INTERNATIONAL STANDARD ISO/IEC 1539-1:2004
TECHNICAL CORRIGENDUM 4

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Information technology — Programming languages — Fortran —

Part 1: Base language

TECHNICAL CORRIGENDUM 4

Technologies de l'information — Langages de programmation — Fortran —

Partie 1: Langage de base

RECTIFICATIF TECHNIQUE 4

Technical Corrigendum 4 to ISO/IEC 1539-1:2004 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 22, *Programming languages, their environments and system software interfaces*.

Subclause 5.1.2.16

In the third paragraph of the subclause replace “association status and array bounds” by “association status, dynamic type and type parameters, and array bounds”.

Subclause 6

Delete rule R605, which defines *default-logical-variable*, and constraint C604.

Subclause 6.2.1

Replace the first paragraph of the subclause (A **whole array** ... to the name.) by the following:

A **whole array** is a named array or a structure component whose final *part-ref* is an array component name; no subscript list is appended.

In the third paragraph, replace both occurrences of “whole array name” by “whole array designator”.

Subclause 6.3.1.1

At the end of the last sentence in the last paragraph of the subclause insert “unless the SOURCE= specifier appears and the corresponding component of the *source-expr* is allocated”.

Subclause 9.5.1

In rule R913, replace “ID = *scalar-int-variable*” by “ID = *id-variable*”.

Following rule R913, insert new rule and new constraint:

R913a *id-variable* **is** *scalar-int-variable*

C908a (R913a) The *scalar-int-variable* shall have a decimal range no smaller than that of default integer.

Subclause 9.5.1.8

In the second sentence of the first paragraph of the subclause, replace “This value” by “If this value is zero, the data transfer operation has been completed. A nonzero value”.

After the second sentence of the first paragraph, insert the following sentence, “This identifier is different from the identifier of any other pending data transfer operation for this unit.”