



Information technology — Text and office systems — Document Printing Application (DPA) —

Part 1: Abstract service definition and procedures

TECHNICAL CORRIGENDUM 4

Technologies de l'information — Bureautique — Application impression de documents (DPA) —

Partie 1: Définition de service abstrait et procédures

RECTIFICATIF TECHNIQUE 4

Technical Corrigendum 4 to International Standard ISO/IEC 10175-1:1996 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 33, *Distributed application services*.

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Subclause 6.4.5.1

Replace the text of paragraphs f) subset-of, g) superset-of, and h) non-null-set-intersection with the following text:

- f) **subset-of**, it evaluates to TRUE if and only if all of the assertion value is present in, or lies within, the attribute value.

This matching rule applies both to multi-valued attributes and to single-valued attributes that specify:

- (1) ranges,
- (2) two-dimensional areas,
- (3) sequences of a single type.

In the case of multi-valued attributes, the assertion evaluates to TRUE if and only if each of the assertion value members is present in the attribute value set.

For attributes that specify a range (or two-dimensional area), the assertion evaluates to TRUE if and only if the assertion range|area lies within the attribute value range|area. For examples, see 9.1.5.16, IntegerRange and integerRangeSyntax, and 9.1.5.47, Area and areaSyntax.

In the case of single-valued sequence types (other than range or area types), the assertion evaluates to TRUE if and only if each of the assertion value members is present in the attribute value sequence, and the assertion value members are in the same sequence as the attribute value members.

- g) **superset-of**, it evaluates to TRUE if and only if all of the attribute value is present in, or lies completely within, the assertion value.

This matching rule applies both to multi-valued attributes and to single-valued attributes that specify:

- (1) ranges,
- (2) two-dimensional areas,
- (3) sequences of a single type.

In the case of multi-valued attributes, the assertion evaluates to TRUE if and only if each of the attribute value members is present in the assertion value set.

For attributes that specify a range (or two-dimensional area), the assertion evaluates to TRUE if and only if the attribute range|area lies within the assertion value range|area. For examples, see 9.1.5.16, IntegerRange and integerRangeSyntax, and 9.1.5.47, Area and areaSyntax.

In the case of single-valued sequence types (other than range or area types), the assertion evaluates to TRUE if and only if each of the attribute value members is present in the assertion value sequence, and the attribute value members are in the same sequence as the assertion value members.

- h) **non-null-set-intersection**, it evaluates to TRUE if and only if at least one of the assertion members is present in the attribute value.

This matching rule applies to multi-valued attributes, and to single-valued attributes that specify sequences of a single type.

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Subclause 8.2.1

In the second paragraph following the ASN.1, replace the current text:

This International Standard assumes that printers and other server components are reset or returned to appropriate states prior to processing each job. The **reset-printer** attribute permits the client to suspend the reset of the printer after particular documents, if desired for down-line loading of fonts, forms, PDL prologues, etc.

with the following text:

This part of ISO/IEC 10175 stipulates that printers and other server components are reset or returned to appropriate states prior to processing each job. However, between documents of the same job, resetting of the printer or interpreter depends upon the type of document format and/or the value of the **reset-printer** attribute. For page-independent document formats, the printer and interpreter should reset their states automatically at the end of printing each document. For other document formats, the **reset-printer** attribute permits the client to suspend the reset of the printer after particular documents, if desired for down-line loading of fonts, forms, PDL prologues, etc.

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Subclause 8.2.2.1

Delete the sixth paragraph from the bottom of the page, which reads as follows:

If the client lists a required attribute (i.e. an attribute element of the **PrintArgument**) in either the **job-non-compulsory-attributes** or **non-compulsory-attributes** attribute, the server shall completely ignore this particular value of the attribute.