INTERNATIONAL STANDARD ISO/IEC 8824-1:1995
TECHNICAL CORRIGENDUM 1

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Information technology — Abstract Syntax Notation One (ASN.1): Specification of basic notation

TECHNICAL CORRIGENDUM 1

Technologies de l'information — Notation de syntaxe abstraite numéro 1 (ASN.1): Spécifications pour notations de base

RECTIFICATIF TECHNIQUE 1

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INTERNATIONAL STANDARD

ITU-T RECOMMENDATION

INFORMATION TECHNOLOGY – ABSTRACT SYNTAX NOTATION ONE (ASN.1): SPECIFICATION OF BASIC NOTATION

TECHNICAL CORRIGENDUM 1

1)   Subclause G.2.6 of Rec. X.680 I ISO/IEC 8824-1

Insert a new subclause G.2.6 as shown below:

G.2.6   A BMPString or UniversalString can be restricted to exclude all control functions by use of the subtype notation as follows:

    VanillaBMPString ::= BMPString(FROM (ALL EXCEPT ({0,0,0,0}..{0,0,0,31} I {0,0,0,128}..{0,0,0,159})))

or equivalently:

    C0 ::= BMPString (FROM ({0,0,0,0} .. {0,0,0,31})) -- *C0 control functions*
    C1 ::= BMPString (FROM ({0,0,0,128} .. {0,0,0,159})) -- *C1 control functions*
    VanillaBMPString ::= BMPString (FROM (ALL EXCEPT (C0 I C1)))

2)   Subclause 11 of Rec. X.680/Amd.1 I ISO/IEC 8824-1/Amd.1 (Page 5)

Starting at line 11, change from:

    {Replace the first sentence of 22.4 with the following:}

    "Type" in the "COMPONENTS OF Type" notation shall be a sequence type that itself contains no extension marker, but it may include components that do.

to:

    "Type" in the "COMPONENTS OF Type" notation shall be a sequence type. If "Type" in the "COMPONENTS OF Type" contains an extension marker, the extension marker is not visible to the "COMPONENTS OF Type". Thus, for the purposes of the "COMPONENTS OF Type", the "Type" is treated as though it was not defined with an extension marker.

Starting at line 12, change from:

    {Replace the first sentence of 24.2 with the following:}

    If a "Type" contains an extension marker and that "Type" is used as the "Type" in a "COMPONENTS OF Type", the extension marker is not visible to the "COMPONENTS OF Type". Thus, for the purposes of the "COMPONENTS OF Type" the "Type" is treated as though it was not defined with an extension marker.

to:

    "Type" in the fourth alternative of the "ComponentType" (see 22.1) shall be a set type. If "Type" in the "COMPONENTS OF Type" contains an extension marker, the extension marker is not visible to the "COMPONENTS OF Type". Thus, for the purposes of the "COMPONENTS OF Type" the "Type" is treated as though it was not defined with an extension marker.

Starting at line 30, change from:

> *{Modify clause 24.4 to say:}*

> **24.4**   Subclauses 22.2, 22.2 *bis* and 22.6-22.10 also apply to set types.

to:

> **24.4**   Subclauses 22.2, 22.3, 22.4 *bis* and 22.6-22.10 also apply to set types.